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★ JAN 28 1949 ★

U. S. Department of Agriculture

1949 CATALOGUE

SNOWY RANGE SEED COMPANY

DISTRIBUTORS OF

QUALITY SEEDS and PLANTS



Telephones
MAin 4436
Hazeltine 5

4305 Brighton Boulevard
DENVER, COLORADO

SPECIAL NOTICE

We wish to express our appreciation to our many friends and customers for their loyal support in these troubled times. Many items will be in short supply. However, we believe that Vegetable and Flower Seeds will be available for all needs. The real shortage is Kentucky Blue Grass which in 1946 was the shortest crop in history. In Range and Pasture Grasses, Crested Wheat and Western Wheat are available only in limited quantities; Slender Wheat and Smooth Brome are in better supply. When in the market for Field Seeds, please write us, stating variety and quantity wanted and we will quote you promptly by return mail.

Sincerely yours,

THE SNOWY RANGE SEED CO.

How to Order and Remit—Read Carefully

Use the order sheet enclosed in catalog if possible. Write your name, postoffice shipping point or nearest express office, your county and state.

Prepaid Orders—We prepay postage on all vegetables and flower seeds, in packets, ounces, quarter pounds and pounds at prices quoted herein, to any point with the fourth postal zone from Denver. We do not prepay postage on Beans, Peas, Corn, Field Seeds, Fertilizers, Poultry Supplies and Poultry Feeds, unless quoted prepaid. If wanted by parcel post, add postage at zone rate.

Remittances should be made by POSTAL MONEY ORDER, EXPRESS MONEY ORDER, OR CERTIFIED CHECK. Parties buying large quantities of any one variety will be quoted special prices on application.

All prices are NET, and while we do not think there will be any serious change, are made subject to market changes and prior sales.

Sales Tax

Garden Seeds, Field Seeds and Grass Seeds as well as Poultry Feeds are no longer taxable, but our Colorado Customers must still pay 2% tax on Fertilizer, Tools, Insecticides and miscellaneous items. So please include the Sales Tax for these items with your remittance.

Parcel Post Rules and Weights From Denver

		First Pound or Fraction	Each Additional Pound or Fraction
FIRST ZONE	—Within 50 miles of Denver.....	9c	2c
SECOND ZONE	—Within 50-150 miles of Denver.....	9c	2c
THIRD ZONE	—Within 150-300 miles of Denver.....	10c	2c
FOURTH ZONE	—Within 300-600 miles of Denver.....	11c	3c
FIFTH ZONE	—Within 600-1,000 miles of Denver.....	12c	5c
SIXTH ZONE	—Within 1,000-1,400 miles of Denver.....	13c	7c
SEVENTH ZONE			

Weight Limit—The weight limit is 70 pounds for all zones, and the limit of size is 100 inches in length and girth combined, for all zones.

Insured—Packages may be insured against loss, rifling and irreparable damage upon payment of a fee of 3 cents for value not exceeding \$5.00, or 10c for value not exceeding \$25.00, or for 15c for value not exceeding \$50.00, 25c for value not exceeding \$200.00, for each package in addition to postage.

C.O.D. fee of 15 cents for collections not to exceed \$2.50, 20 cents for collections not to exceed \$5.00, 30 cents for collections not to exceed \$25.00, 40 cents for collections not to exceed \$50.00.

Shipment of 20 pounds or over is cheaper if sent by express beyond fourth zone.

We Do Not Warrant Seeds

The fact that no reputable seedsman now warrants seed in any respect being well known, renders it unnecessary for us to say very much on this point, as it must be apparent to every intelligent person that no seedsman can afford to send out poor, worthless seeds. There could be no more certain way of destroying his business.

The seeds offered in this catalog have been carefully grown, selected, cleaned and tested for germination, and we believe them to be first class in every respect, but we cannot guarantee the crop, as too many conditions enter into it: therefore,

We give no warranty, express or implied, as to the productiveness of any seeds or bulbs we sell, and we will not be in any way responsible for the crop. Our liability, in all instances, is limited to the purchase price of the seed.

ORDER SHEET—1949

SNOWY RANGE SEED CO.

4305 BRIGHTON BOULEVARD

DENVER, COLORADO

Name _____		Date _____	AMOUNT ENCLOSED
Post Office	State _____	P. O. Order	
R.F.D.	Box No. _____	Draft	
Street Address	OR	Express	
Shipping Station		Order	
Express or Railroad Company		Cash	
How ship?	Mail <input type="checkbox"/>	Express <input type="checkbox"/>	Freight <input type="checkbox"/>
			Total
			Stamps

All members of one family should order under one name. Please print or write plainly. Where seeds are quoted postpaid these will be sent charges paid by us to the 4th postal zone from Denver. If you live beyond the 4th zone, add extra postage on all articles priced not postpaid. Be sure to add postage at zone rate.

NOTICE—While we take all possible pains to supply only pure and reliable seeds, **WE GIVE NO WARRANTY**, expressed or implied, as to the productiveness of any seeds or bulbs we sell and we will not be in any way responsible for the crop. Our liability, in all instances, is limited to the purchase price of the seed. When mentioned, purity and germination tests are for information only and without guarantee.

It is recommended that the following steps be taken to prevent the spread of the disease:

(Colorado Customers Please Add Sales Tax)

Brought Forward

If you have any neighbors or friends whom you think would be interested in our Catalog, if you will send us their names and addresses in the specially prepared spaces below we will send them a copy of this Catalog and place their names on our mailing list for future issues of same.

WEEDONE

This is the New Weed Killer you've read about in Better Homes & Gardens, Country Gentleman, Time, Reader's Digest and practically every farm and garden magazine . . .

WEEDONE is an oily liquid mixable with water, and sprayed on the weed leaves. Tested more than three years, it is still the most effective 2.4-D formula. Most weed-killers kill the plant top only, but WEEDONE goes into the leaves and down into the roots, killing the whole plant. Since WEEDONE kills not only weeds but many desirable plants, the spray must be kept from the leaves the desirable plants, such as flowers and vegetables. Use one part WEEDONE in 100 parts of water, applying a gallon of spray to each 200 square feet of weeds.

STATE and FEDERAL FORESTS

For killing weeds in fire-breaks and recreational areas.

RAILWAY and PUBLIC UTILITIES

Use WEEDONE to kill weeds on the right-of-way, retaining the grasses to combat soil erosion.

CATTLE - SHEEP RANCHES

Use WEEDONE to kill bitterweed, burdock, blueweed, lupine, and many other poisonous weeds that interfere with stock raising.

WEEDONE kills most lawn weeds without killing the grass. It kills dandelion, broad plantain, buckhorn plantain, pennywort, heal-all, poison ivy, locust, poison oak, the mustard weeds, sumac, sassafras, choke cherry, honeysuckle, ragweed, bitterweed, wild garlic, bindweed, hoary cress, the thistles, and many others. It kills most legumes—clover, alfalfa, etc. Most grasses, including both lawn grasses, sugar cane, and the cereals, corn, wheat, oats, rice, are not killed by WEEDONE when used according to directions.

LAWNS, PARKS, GOLF COURSES

The easy way to weed the turf is to spray with WEEDONE. Kills the weeds without killing grass.

F FARMS

Spray the wheat, corn, oats, or rice to kill the bindweed, thistle, etc., without hurting the crop.

STATE and COUNTY HIGHWAYS

For killing weeds along the road, and saving the grass to prevent erosion.

WEEDONE

LIST PRICE
\$1.00 each

6 oz. bottle (makes 5 gal. spray)	3.00 each
1 qt. bottle (makes 25 gal. spray)	10.00 each
1 gal. bottle (makes 100 gal. spray)	7.00 per gal
5 gal. can (makes 500 gal. spray)	6.00 per gal.
54 gal. drum	

F.O.B. DENVER

(PRICES SUBJECT TO CHANGE)

Reference Table—Garden Seeds

Quantity of Seed Required	Per Acre	Time for Seeding	Distance from Seed to Maturity
Asparagus, 1 oz. to 800 plants.	4 lbs.	April 1st to June 1st	2 to 3 years
Asparagus Roots, 3,000 to 7,000 plants	500 lbs.	April 1st to June 1st	1 to 2 years
Artichoke Roots	60 lbs.	April 1st to June 1st	120 to 150 days
Beans, Garden, 1 lb. to 50-foot row	40 to 60 lbs.	May 10th to July 1st	60 to 90 days
Beans, Field	6 lbs.	May 10th to July 1st	60 to 90 days
Beets, Garden, 2 oz. to 100 ft.	6 lbs.	April 1st to July 1st	70 to 90 days
Beets, Mangel	6 to 12 lbs.	April 1st to June 1st	120 to 150 days
Beets, Sugar	10 to 16 lbs.	April 1st to June 1st	120 to 150 days
Brussels Sprouts, 1 oz. to 3,000 plants.	4 ozs.	March 1st to May 1st	90 to 120 days
Cabbage, 1 oz. to 3,000 plants.	4 ozs.	February 1st to May 1st	90 to 120 days
Cauliflower, 1 oz. to 3,000 plants	4 ozs.	April 1st to July 1st	90 to 120 days
Carrots, 1 oz. to 100 ft.	4 lbs.	February 1st to June 1st	90 to 100 days
Chicory, 1 oz. to 100 ft.	4 lbs.	April 1st to June 1st	150 to 180 days
Sweet Corn, 1 lb. to 50 hills	10 lbs.	March 1st to June 1st	90 to 100 days
Collards, 1 oz. to 100 ft.	4 lbs.	May 1st to July 1st	70 to 100 days
Corn Salad, 1 oz. to 100 feet.	5 lbs.	April to October	
Cress, 1 oz. to 100 ft.	3 lbs.	April 1st to June 1st	60 to 90 days
Cucumber, 1 oz. to 100 hills	4 ozs.	May 1st to July 1st	120 to 150 days
Egg Plant, 1 oz. to 2,000 plants.	4 lbs.	March 1st to May 1st	90 to 100 days
Endive, $\frac{1}{2}$ oz. to 100 ft.	3 lbs.	March 1st to Sept. 1st	
Kale, 1 oz. to 3,000 plants	3 lbs.	June 1st to August 1st	
Kohl-Rabi, 1 oz. to 300 ft.	4 lbs.	May 1st to August 1st	90 to 100 days
Leek, 1 oz. to 300 ft.	4 lbs.	April 1st to June 1st	90 to 100 days
Lettuce, 1 oz. to 3,000 plants	2 lbs.	April 1st to August 1st	60 to 90 days
Melon, Musk, 1 oz. to 50 hills	4 lbs.	May 1st to June 1st	80 to 100 days
Melons, Water, 1 oz. to 30 hills	4 lbs.	May 1st to June 1st	80 to 100 days
Mustard, 1 oz. to 100 ft.	2 lbs.	April 1st to July 1st	60 to 80 days
Okra, 1 oz. to 100 ft.	8 lbs.	May 1st to June 1st	80 to 90 days
Onions, 1 oz. to 200 ft.	4 lbs.	February 1st to May 1st	90 to 120 days
Onion Seed for Sets	80 to 100 lbs.	February 1st to May 1st	90 to 120 days
Onion Sets, 2 lbs. 100 ft.	500 lbs.	February 1st to June 1st	60 to 90 days
Parsnips, 1 oz. 200 ft.	5 lbs.	April 1st to June 1st	120 to 150 days
Parsley, 1 oz. 150 ft.	3 lbs.	March 1st to June 1st	70 to 90 days
Peas, Garden, 1 lb. 50 ft.	60 lbs.	March 1st to July 1st	70 to 90 days
Peas, Field	40 to 60 lbs.	April 1st to June 1st	70 to 100 days
Peppers, 1 oz. to 1,500 plants	3 ozs.	February 1st to May 1st	120 to 150 days
Potatoes	500 lbs.	May 1st to June 1st	80 to 100 days
Pumpkins, 1 oz. to 25 hills	31 lbs.	April 1st to June 1st	90 to 120 days
Radish, 1 oz. to 100 ft.	10 lbs.	March 1st to September 1st	80 to 90 days
Salsify, 1 oz. to 50 ft.	8 lbs.	April to June	120 to 150 days
Spinach, 1 oz. to 100 ft.	10 lbs.	March to October	60 to 90 days
Squash, 1 oz. to 25 hills	4 lbs.	May to June 1st	90 to 100 days
Tomatoes, 1 oz. 3,000 plants	2 ozs.	March 1st to May 1st	100 to 120 days
Tobacco, 1 oz. 5,000 plants		March 1st to May 1st	100 to 120 days
Turnips, 1 oz. 150 feet	2 lbs.	March to September	

AVERAGE TIME REQUIRED FOR

Beans	5 to 10 days	Corn	5 to 8 days
Beet	7 to 10 days	Cucumber	6 to 10 days
Cabbage	5 to 10 days	Endive	5 to 10 days
Carrot	12 to 18 days	Lettuce	6 to 8 days
Cauliflower	5 to 10 days	Onion	7 to 10 days

GARDEN SEED TO GERMINATE

Peas	6 to 10 days	Spinash ..	7 to 12 days
Parsnip	10 to 20 days	Salsify ..	7 to 12 days
Parsley	15 to 21 days	Tomato ..	6 to 12 days
Pepper	9 to 14 days	Turnip ..	4 to 8 days
Radish	3 to 6 days		

NUMBER OF PLANTS REQUIRED TO THE ACRE

Distance Apart	No. of Plants	Distance Apart
1 foot by 1 foot	43 560	2½ feet by 2½
1½ feet by 1½ feet	19,360	3 feet by 2
2 feet by 1 foot	21,780	3 feet by 3
2 feet by 2 feet	10,890	4 feet by 4

No. of Plants	Distance Apart	No. of Plants		
feet.....	6,960	5 feet by 4	feet.....	2,178
feet.....	7,600	5 feet by 5	feet.....	1,742
feet.....	4,840	6 feet by 6	feet.....	1,210
feet.....	2,722	8 feet by 8	feet.....	680

Reference Table—Field Seeds

Quantity of Seed Required	Per Acre
Alfalfa	10 to 20 lbs.
Barley	40 to 60 lbs.
Buckwheat	30 to 40 lbs.
Clover, Red	10 to 20 lbs.
Clover, White Blossom	10 to 20 lbs.
Clover, Yellow Blossom	10 to 20 lbs.
Clover, White	5 to 10 lbs.
Clover, Strawberry	4 to 6 lbs.
Clover, Alsike	10 to 12 lbs.
Corn, Field	8 to 5 lbs.
Corn, Gaffir	5 to 6 lbs.
Emmer, Spring	40 to 50 lbs.
Feterita	6 to 8 lbs.
Flax	30 to 40 lbs.
Grass, Brome	10 to 20 lbs.
Grass, Kentucky Blue	20 to 100 lbs.
Grass, Orchard	20 to 30 lbs.
Grass, Rye	10 to 20 lbs.
Grass, Red Top	10 to 15 lbs.
Grass, Timothy	10 to 20 lbs.
Grass, Fescue	15 to 25 lbs.
Grass, Sudan	10 to 30 lbs.
Grass, Johnson	10 to 30 lbs.
Grass, Crested Wheat	10 to 15 lbs.
Grass, Slender Wheat	15 to 20 lbs.
Grass, Western Wheat	15 to 20 lbs.
Grohoma	5 to 6 lbs.
Milo Maize	5 to 8 lbs.
Millet	30 to 40 lbs.
Oats	40 to 70 lbs.
Peanuts	30 to 35 lbs.
Rape	5 to 7 lbs.
Sunflower	4 to 10 lbs.
Sorghum, for fodder	50 to 75 lbs.
Sorghum, for syrup	6 to 10 lbs.
Rye, Spring	40 to 60 lbs.
Rye, Fall	40 to 60 lbs.

Time for Seeding	Time from Seeding to Maturity
April to September	12 months
March to June	80 to 100 days
March to June	70 to 90 days
March to June	
March to September	
March to September	
March to July	
March to September	
March to July	
May to June 15th	80 to 120 days
May to June 15th	80 to 120 days
May 1st to June 15th	60 to 100 days
April to June 1st	90 to 120 days
May 1st to June 15th	60 to 80 days
May to July	70 to 90 days
April to June	
April to September	
April to July	
March to October	
March to October	
March to October	
May 1st to June 15th	60 to 100 days
May 1st to June 15th	60 to 100 days
May to July	60 to 80 days
March to July	80 to 100 days
May to June	60 to 90 days
April to August	70 to 80 days
May to June	80 to 90 days
May 1st to July 1st	70 to 90 days
May 1st to June 1st	80 to 120 days
March to June	80 to 120 days

Vegetable Seeds for Critical Planters

Asparagus

CULTURE

One ounce for 300 roots. Asparagus seed is sown in the spring. The earlier the better after frost is out of the ground and the soil is in good workable condition, not sticky. Scatter the seed an inch apart in drills 2 to 3 feet apart and cover with about $\frac{3}{4}$ -inch of soil. Keep cultivated, well watered and free from weeds.

MARY WASHINGTON

The best rust-resistant variety, heavily productive, producing large deep green shoots of the highest quality.

Postpaid (Pkt. 10c) (Oz. 20c) (1/4 lb. 60c) (1 lb. \$2.00).

1-year-old roots only (Doz. 60c) (100 for \$2.50) (1000 for \$12.00).

Artichoke

The artichoke is grown for its edible blossoms. It is perennial but requires renewing every two or three years. The Jerusalem Artichoke so called is grown for its tuberous root.

LARGE GREEN GLOBE

The standard variety for home and market gardens. A perennial, but not hardy in the north. Flower heads large, globular, deep green, with fleshy bases on the bud scales.

Postpaid (Pkt. 15c) (Oz. 50c) (1/4 lb. \$1.50)

Garden Beans

CULTURE

Beans can be planted with safety any time from May 15th to August 1st. They do better in a light sandy loam soil, but will thrive well in any good garden soil. Sow in rows $2\frac{1}{2}$ to 3 feet apart; 1 lb. will sow a row 100 feet long; 60 to 90 lbs. will plant an acre. For a continuous supply plant

BOUNTIFUL OR EARLY SIX WEEKS

51 days. Very prolific producer of flat and absolutely stringless pods of exceedingly fine quality. Pods are from $6\frac{1}{2}$ to 7 inches long.

Postpaid (Pkt. 5c) (1/4 lb. 15c) (1 lb. 40c) (2 lbs. 75c) (5 lbs. \$1.75).

Not Postpaid (10 lbs. \$3.25) (25 lbs. \$7.00).

BROAD WINDSOR (Fava or Horse Bean)

75 days. An Italian variety used as a shell bean. Pods flat, straight, inedible, stringy, bright medium green with roughened surface.

Postpaid (Pkt. 5c) (1/4 lb. 15c) (1 lb. 45c) (2 lbs. 85c) (5 lbs. \$2.00).

Not Postpaid (10 lbs. \$3.25) (25 lbs. \$7.50).

BURPEE'S STRINGLESS

54 days. A round podded bean, very fleshy, stringless, without fibre and of excellent quality, about 6 inches long.

Postpaid (Pkt. 5c) (1/4 lb. 15c) (1 lb. 45c) (2 lbs. 85c) (5 lbs. \$2.00).

Not Postpaid (10 lbs. \$3.00) (25 lbs. \$7.00).

FRENCH HORTICULTURAL

68 days. A superior shell bean with 7 to 8 inch pods, stringy, heavily splashed with red. Though a bush bean, it is inclined to have short runners.

Postpaid (Pkt. 5c) (1/4 lb. 15c) (1 lb. 45c) (2 lbs. 85c) (5 lbs. \$2.00).

Not Postpaid (10 lbs. \$3.50) (25 lbs. \$7.50).

FULL MEASURE

60 days. A fine stringless medium green, round podded variety with very fleshy straight pods 6 to $6\frac{1}{2}$ inches long.

Postpaid (Pkt. 5c) (1/4 lb. 15c) (1 lb. 45c) (2 lbs. 85c) (5 lbs. \$2.00).

Not Postpaid (10 lbs. \$3.50) (25 lbs. \$7.50).

GIANT STRINGLESS

56 days. Pod $6\frac{1}{2}$ inches long, fleshy and stringless.

Postpaid (Pkt. 5c) (1/4 lb. 15c) (1 lb. 35c) (2 lbs. 65c) (5 lbs. \$1.50).

Not Postpaid (10 lbs. \$2.75) (25 lbs. \$6.25).

KEYSTONIAN

52 days. The new all-purpose Stringless Green Pod Dwarf Bean which was awarded the All-American Selection for 1944. Vine 18 inches tall, sturdy plant, pods 6 to $6\frac{1}{2}$ inches long, round stringless, fiberless, fine grained, straight and of rich dark green color.

Postpaid (Pkt. 5c) (1/4 lb. 15c) (1 lb. 50c) (2 lbs. 95c) (5 lbs. \$2.25).

Not Postpaid (10 lbs. \$3.50) (25 lbs. \$8.00).

LANDRETH'S STRINGLESS

54 days. Pods 6 to 7 inches long, straight, round, dark green stringless pods.

Postpaid (Pkt. 5c) (1/4 lb. 15c) (1 lb. 40c) (2 lbs. 75c) (5 lbs. \$1.75).

Not Postpaid (10 lbs. \$3.00) (25 lbs. \$7.00).

LOGAN (New)

54 days. Plants are upright and bushy of the Tendergreen Type, pods are 6 inches long, completely round and straight, color same as Tendergreen. Logan tends to cluster its blossoms, setting pods at one setting—meaning that the market gardener will get a very high percentage of pick when stripping his field.

Postpaid (Pkt. 5c) (1/4 lb. 15c) (1 lb. 45c) (5 lbs. \$2.00) (10 lbs. \$3.75).



Green Podded Bush Beans

(Continued)

NEW STRINGLESS GREEN POD (Tendergreen)
53 days. Pods average 6 inches in length, are attractive in appearance, nearly straight, round fleshy, dark green, stringless and of excellent quality.

Postpaid (Pkt. 5c) (1/4 lb. 15c) (1b. 45c) (2 lbs. 85c) (5 lbs. \$2.00).
Not Postpaid (10 lbs. \$3.50) (25 lbs. \$7.50).

PLENTIFUL (Black Seeded Bountiful)

53 days. Plants strong and productive, pods flat, straight, medium green, 7 1/2 inches long, stringless.

Postpaid (Pkt. 5c) (1/4 lb. 15c) (1b. 40c) (2 lbs. 75c) (5 lbs. \$1.75).
Not Postpaid (10 lbs. \$3.00) (25 lbs. \$6.25)

ROGER'S STRINGLESS BLACK VALENTINE
Round Pod—55 days. Pods are 6 inches long, round, dark green and fairly straight, stringless and of excellent quality.

Postpaid (Pkt. 5c) (1/4 lb. 15c) (1b. 45c) (2 lbs. 85c) (5 lbs. \$2.00).
Not Postpaid (10 lbs. \$3.25) (25 lbs. \$7.00).

ROGER'S STRINGLESS LONGGREEN

56 days. A new market bean originating from the New Stringless variety. The season, vine, pod type and color are similar to regular New Stringless, but has longer pods. Pods are round, straight, dark green in color and 7 inches long.

Postpaid (Pkt. 5c) (1/4 lb. 15c) (1b. 50c) (2 lbs. 95c) (5 lbs. \$2.25).
Not Postpaid (10 lbs. \$3.50) (25 lbs. \$7.50).

RUBY DWARF HORTICULTURAL

53 days. Used for snap or green shell beans. The pods are 5 inches long, green at first but changing to greenish yellow splashed with red, semi-round.

Postpaid (Pkt. 5c) (1/4 lb. 15c) (1b. 45c) (2 lbs. 85c) (5 lbs. \$2.00).
Not Postpaid (10 lbs. \$3.25) (25 lbs. \$7.00).

STREAMLINER (New)

50 days. Pods are 7 to 8 inches long, flat, tender and stringless. White Seeded.

Postpaid (Pkt. 5c) (1/4 lb. 15c) (1b. 45c) (2 lbs. 85c) (5 lbs. \$2.00).
Not Postpaid (10 lbs. \$3.25) (25 lbs. \$7.00).

Bush Lima Beans

BABY POTATO LIMA

72 days. The seeds are small but thick, of bright green color when fresh, and similar in flavor to Fordhook. Adapted not only for produce markets, but also for canning and quick freezing.

Postpaid (Pkt. 5c) (1/4 lb. 20c) (1b. 50c) (2 lbs. 95c) (5 lbs. \$2.25).
Not Postpaid (10 lbs. \$3.50) (25 lbs. \$7.50).

BURPEE'S IMPROVED

75 days. Thick seeded or "potato type." Pods 6 inches long and 1 1/4 inches wide. Usually contains four large thick, flat green beans, fine grained and tasty.

Postpaid (Pkt. 5c) (1/4 lb. 20c) (1b. 50c) (2 lbs. 95c) (5 lbs. \$2.25).
Not Postpaid (10 lbs. \$3.50) (25 lbs. \$7.50).

FORDHOOK

75 days. Plants strong, erect, bearing pods in clusters of 4 to 8. Pods measure 4 to 5 1/2 inches long and contain three to five large thick green beans.

Postpaid (Pkt. 5c) (1/4 lb. 20c) (1b. 50c) (2 lbs. 95c) (5 lbs. \$2.25).
Not Postpaid (10 lbs. \$3.50) (25 lbs. \$7.50).

HENDERSON'S (Baby Lima)

65 days. Plant medium large, very productive. Small pods 3 inches long contain 3 to 4 green shell beans of very fine quality. Plants bear continuously.

Postpaid (Pkt. 5c) (1/4 lb. 15c) (1b. 40c) (2 lbs. 75c) (5 lbs. \$1.75).
Not Postpaid (10 lbs. \$2.50) (25 lbs. \$5.00).

JACKSON WONDER BUSH

66 days. Pods medium size, holding 4 or 5 moderately thick, fairly large beans of good quality. Dry seed mottled and speckled with brownish-red markings.

Postpaid (Pkt. 5c) (1/4 lb. 20c) (1b. 50c) (2 lbs. 95c) (5 lbs. \$2.25).
Not Postpaid (10 lbs. \$3.50) (25 lbs. \$7.50).

Pole Beans

BLUE LAKE

68 days. Vine dull green, climber, white flowers. Pods 6 inches long, curved round, stringless when young.

Postpaid (Pkt. 5c) (1/4 lb. 20c) (1b. 50c) (2 lbs. 95c) (5 lbs. \$2.25).
Not Postpaid (10 lbs. \$3.50) (25 lbs. \$7.50).

KENTUCKY WONDER OR OLD HOMESTEAD

65 days. Pods medium green, borne in clusters, are round, 7 1/2 to 8 1/2 inches long, curved. Have delicious flavor and cook tender at all times.

Postpaid (Pkt. 5c) (1/4 lb. 15c) (1b. 45c) (2 lbs. 85c) (5 lbs. \$2.00).
Not Postpaid (10 lbs. \$3.25) (25 lbs. \$7.00).

KENTUCKY WONDER WAX

68 days. Considered the best wax podded pole bean. Has beautiful flat, nearly stringless, waxy, yellow pods.

Postpaid (Pkt. 5c) (1/4 lb. 15c) (1b. 50c) (2 lbs. 95c) (5 lbs. \$2.00).
Not Postpaid (10 lbs. \$3.50) (25 lbs. \$7.50).

KING OF THE GARDEN (Lima)

88 days. Most popular pole lima. The pods are from 5 to 6 inches long and contain 4 or 5 large flat beans of good quality.

Postpaid (Pkt. 5c) (1/4 lb. 15c) (1b. 45c) (2 lbs. 85c) (5 lbs. \$2.00).

OREGON GIANT

71 days. A desirable snap bean. Plants sturdy and prolific. Pods long stringless when young, splashed purplish blue.

Postpaid (Pkt. 5c) (1/4 lb. 20c) (1b. 50c) (2 lbs. 95c) (5 lbs. \$2.25).

SCARLET RUNNER

90 days. Brilliant scarlet flowers used for ornamental purposes as well as for snap and green shell beans.

Postpaid (Pkt. 5c) (1/4 lb. 20c) (1b. 50c) (2 lbs. 95c) (5 lbs. \$2.25).

Edible Soybeans

In recent years many varieties of edible soybeans have been imported from the Orient by the U. S. Department of Agriculture, and detailed studies on their adaptation to North America growing conditions have been made. As a result we offer the following varieties. They are very prolific, highly resistant to disease and insect pests, of attractive appearance and eating qualities when cooked and served similar to Lima Beans.

The number of days refers to picking for use as green shelled beans; full maturity for dry shelled beans is 30 days later. At green eating stage all have dark green beans, more or less oval in shape, though varying in size. Steep pods of Soybeans in boiling water for a few minutes and they will shell out readily.

BANSEI

96 days. A fine home garden variety for green shelling. Very productive, pods yellow with black tinge. Plant erect and medium height. Pods not as susceptible to shattering when ripe.

GIANT GREEN

91 days. A home garden sort and desirable in localities with short growing season. Recommended for use in green shell stage. Shatters badly upon ripening. Plant short and erect.

SAC

85 days. One of the earliest varieties of edible soybeans. Similar to Giant Green, in seed characteristics; however, grows a trifle taller and seed pods are not subject to shattering when ripe.

Postpaid (Pkt. 5c) (1/4 lb. 15c) (1b. 40c) (2 lbs. 75c) (5 lbs. \$1.75).
Not Postpaid (10 lbs. \$2.75) (25 lbs. \$6.25).

(PRICES SUBJECT TO CHANGE)

Yellow Podded Bush Beans

IMPROVED GOLDEN WAX

51 days. Pods 4½ to 5 inches long, flat and stringless.
Postpaid (Pkt. 5c) (1/4 lb. 15c) (1b. 45c) (2 lbs. 85c) (5 lbs. \$2.00).
Not Postpaid (10 lbs. \$3.50) (25 lbs. \$7.50).

PENCIL POD BLACK WAX

55 days. Pods round, thick, stringless, 6 to 7 inches long of excellent quality.
Postpaid (Pkt. 5c) (1/4 lb. 15c) (1b. 45c) (2 lbs. 85c) (5 lbs. \$2.00)
Not Postpaid (10 lbs. \$3.50) (25 lbs. \$7.50).

ROUND POD KIDNEY WAX

58 days. Plants of medium size, prolific. Pods 6 to 6½ inches long, round, fleshy, brittle, stringless and of fine quality.
Postpaid (Pkt. 5c) (1/4 lb. 15c) (1b. 45c) (2 lbs. 85c) (5 lbs. \$2.00).
Not Postpaid (10 lbs. \$3.50) (25 lbs. \$7.50).

Table Beets

CULTURE

Sow 2 ounces to 100 feet of drill; 5 to 6 pounds per acre.

DETROIT DARK RED

Excellent for home and market garden, shipping and canning. Roots oval, dark red color, remaining tender even when full grown. Small collar and tap root.
Postpaid (Pkt. 10c) (oz. 15c) (1/4 lb. 40c) (1b. \$1.50).

DETROIT DARK RED (Special)

The outstanding variety for gardeners and canners. Top medium green, tinged with red. Roots globular, smooth, uniform, attractive with small tap root. Color deep oxblood red. Flesh dark red with faintly defined rings which disappear entirely when beet is cooked.
Postpaid (Oz. 20c) (1/4 lb. 50c) (1b. \$1.75).

PERFECTED DETROIT (Special)

A mid-season variety. Tops tall, green and red. Roots globular, medium, flesh purplish red, sweet and tender. Specially bred for earliness and dark color. Ready for market in 50 to 60 days from time of planting.
Postpaid (Pkt. 10c) (oz. 20c) (1/4 lb. 50c) (1b. \$1.75).

GOOD FOR ALL

An excellent new variety developed from Detroit Dark Red. Especially fine for canning and pickling whole at 1¼ to 1½ inches in diameter. Roots smooth, even in size and shape; collar and tap roots very small; interior deep crimson free from white zones.
Postpaid (Pkt. 10c) (oz. 15c) (1/4 lb. 40c) (1b. \$1.50).

CROSBY'S EGYPTIAN

An early variety for home and market garden use. Roots flattened, globular in shape, with small tap root; dark red. Top medium, flesh purplish red, sweet and tender. Specially bred for earliness and dark color.
Postpaid (Pkt. 10c) (oz. 15c) (1/4 lb. 40c) (1b. \$1.50).

GREEN TOP BUNCHING

60 days. Early, extremely attractive bunching beet. Tops medium sized and erect. Foliage clear, grayish green that does not turn red or brown in the fall. Roots round, smooth and glossy, flesh bright blood-red.
Postpaid (Pkt. 10c) (oz. 20c) (1/4 lb. 50c) (1b. \$1.75).

ASGROW WONDER

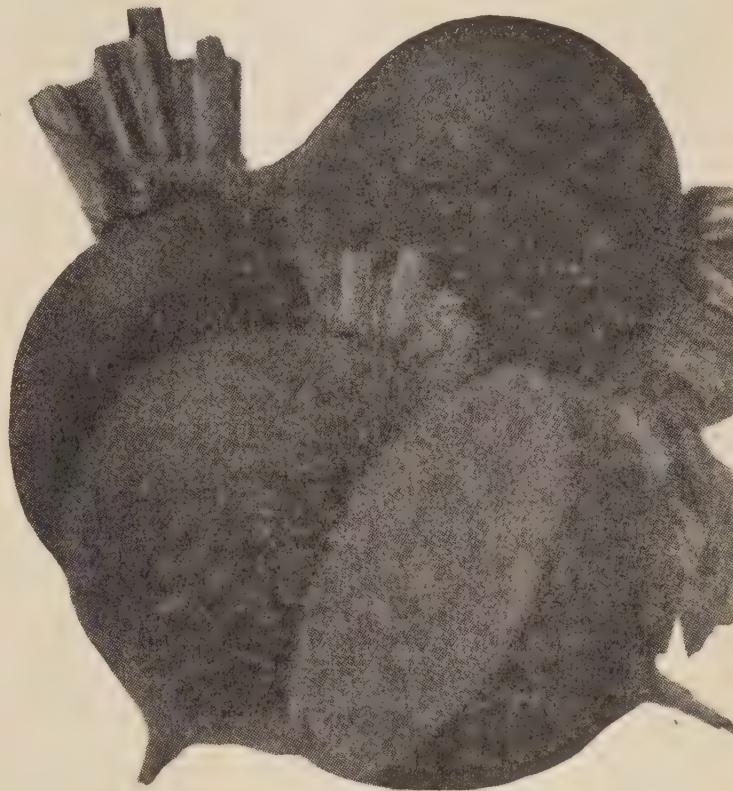
Distinctive green tops, erect, uniform in size and color, bunching very attractive for market. Roots round when young, semi-globular later, deep red, smooth with small neck and tap root.

Postpaid (Pkt. 10c) (oz. 20c) (1/4 lb. 50c) (1b. \$1.75).

EARLY WONDER (Regular Strain)

Valuable to truckers and shippers as a first early variety; also used for fall planting. Tops medium small, erect, leaves purple mixed with green. Roots semi-globular, flesh blood red with zones of lighter shades; tender and of good quality.

Postpaid (Pkt. 10c) (oz. 15c) (1/4 lb. 40c) (1b. \$1.50).



EARLY WONDER (Tall Top)

Same as above except leaves are much taller, excellent for bunching and beet greens.

Postpaid (Pkt. 10c) (oz. 20c) (1/4 lb. 50c) (1b. \$1.75).

EARLY WONDER GREEN TOP

Roots same as regular strain, tops all green, tall and erect, used for bunching and beet greens.

Postpaid (Pkt. 10c) (oz. 20c) (1/4 lb. 50c) (1b. \$1.75).

BOSTON CROSBY

A first early variety, excellent for home and market garden trade. Medium tops, dark green, erect. Roots flattened globe, very uniform in size and color with no side roots, small tap root, dark blood red.

Postpaid (Pkt. 10c) (oz. 15c) (1/4 lb. 40c) (1b. \$1.50).

EXTRA EARLY FLAT EGYPTIAN

Very early, used by truckers for forcing to reach the earliest market. Tops small and erect. Roots flattish, medium dark red. Flesh bright blood red with light zones.

Postpaid (Pkt. 10c) (oz. 15c) (1/4 lb. 40c) (1b. \$1.50).

IMPROVED EARLY BLOOD TURNIP

A medium early variety for home and market garden use. Tops medium but somewhat coarse. Roots top-shaped; dark red. Flesh bright red with zones of lighter shade.

Postpaid (Pkt. 10c) (oz. 15c) (1/4 lb. 40c) (1b. \$1.50).

Mangels and Sugar Beets

CULTURE

Sow 8 to 10 lbs. per acre. Sow in rows $2\frac{1}{2}$ to 3 feet apart as soon as ground can be thoroughly worked. Cover seed about one inch, making ground firm over the seed. When 4 inches high, thin to 8 inches apart in the row. Mangels are a valuable feed for poultry and cattle. Thirty tons per acre is not an uncommon yield. For winter use store in pits the same as other root vegetables.

DANISH SLUDSTRUP

A good cropper and of high feeding value. Roots long, oval, reddish yellow. Grows half above ground, easily harvested. Flesh white, tinged with yellow.

GIANT HALF SUGAR ROSE TOP

A heavy yielding, valuable variety for feeding. Roots long, oval; skin white, with rose-colored shoulder; flesh white with good content.

GOLDEN TANKARD

Roots large, nearly cylindrical, partly above ground; skin deep orange, flesh yellow with white zones. Very productive.

MAMMOTH LONG RED

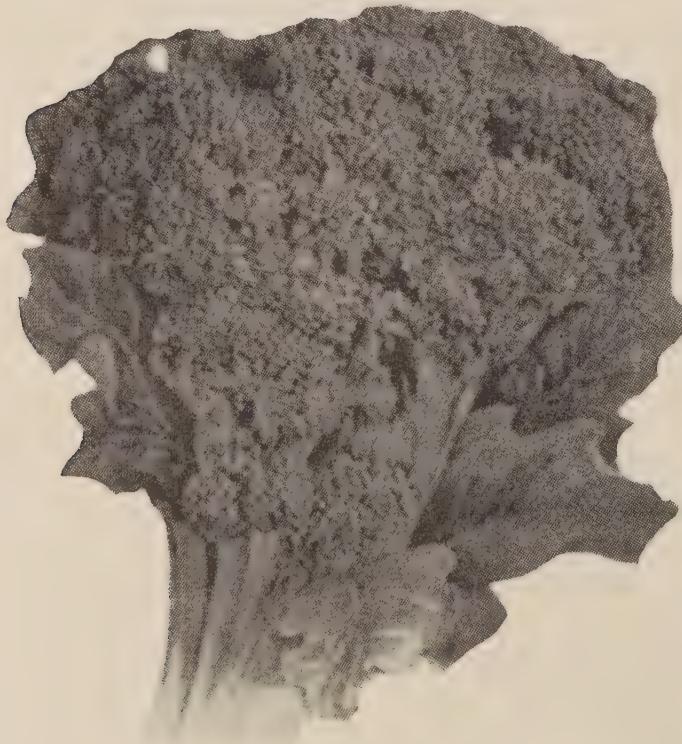
The most popular and the best cropper of all the mangels. Roots extremely large, slightly tapering; grow half above the ground; color light red, flesh white with rose tinge.

KLEIN WANZLEBEN (Sugar Beet)

The variety most used for making sugar. Roots long with thick shoulder, tapered; skin grey-white; flesh solid white.

WESTERN GIANT SUGAR BEET

A popular variety for sugar manufacturing because of high sugar content, also good for stock feed. Roots are long with white skin and flesh. **Prices on all above varieties: Postpaid (Oz. 15c) (\$1.00) (1/4 lb. 35c) (5 lbs. \$4.50)**



Swiss Chard

CULTURE

Swiss Chard is a beet grown for its leaves. The midrib when boiled makes delicious greens, or the leaves may be boiled and served as spinach. Sown in the spring, the leaves are soon ready to eat and will continue to grow all through the summer and fall.

DARK GREEN

Leaves broad, upright in growth, very dark green savoyed with broad white midrib. This variety on account of its giant size and pleasing deep green color, will probably supersede other sorts.

FORDHOOK GIANT

Tall and sturdy; leaves broad, heavily crumpled, dark green; stems broad, thick white.

LUCULLUS

A new variety with curled leaves like a Savoy Cabbage. The plant grows nearly two feet high and the stem and leaves are very large and of fine quality.

Above Varieties: Postpaid (Pkt. 10c) (Oz. 15c) (\$1.00) (1/4 lb. 35c) (1 lb. \$1.00).

Brussels Sprouts

CULTURE

Used in the fall and early winter. Plant resembles the cabbage, the edible part being the numerous very small heads or sprouts an inch or two in diameter former on the stalk at each leaf joint. The culture is the same as for cabbage, except the leaves should be broken down in the fall to give the little heads more room to grow.

LONG ISLAND IMPROVED (Special Stock)

Plant dwarf and compact, 20 inches tall; very uniform; stem well covered with firm round cabbage-like heads of $1\frac{1}{4}$ to $1\frac{1}{2}$ inches in diameter, which mature in succession.

Postpaid (Pkt. 10c) (Oz. 50c) (\$1.75) (1 lb. \$6.00).

Broccoli

CULTURE

Belongs to the same family as the cauliflower. More hardy and therefore better adapted to a wider range of conditions. Sow the seed in the same manner as for late cabbage, in May, and transplant in June or July, in very rich soil.

DeCICCO

An extremely early strain producing heads ready for market ten days earlier than Italian Green Sprouting. Plants medium tall, light green in color and very productive. Our stock of this strain has been carefully selected for uniformity and can be highly recommended as the earliest maturing strain obtainable.

Postpaid (Pkt. 10c) (Oz. 50c) (\$1.75) (1 lb. \$6.00).

EARLY PROPAGENO

Plants are 3 to 4 feet high and branched, after the central head is removed a number of small heads are produced on stems 4 to 5 inches in length, color dark bluish green. If kept cut, the plants will continue to produce for 5 to 6 weeks. A few days earlier than Italian Green Sprouting.

Postpaid (Pkt. 10c) (Oz. 50c) (\$1.75) (1 lb. \$6.00).

ITALIAN GREEN SPROUTING

A new and distinct variety of the sprouting type. It forms a large head consisting of a cluster of bluish green flower-heads. When this central head is removed the plant develops numerous lateral sprouts, each of which produces a small head. These are cut, leaving about 6 inches of the stem, and are tied in bunches for market. Both stems and heads are cooked and served like cauliflower.

(Pkt. 10c) (Oz. 50c) (\$1.50) (1 lb. \$5.00).

Cabbage

CULTURE

One ounce of seed will produce from 2,000 to 3,000 plants. It requires from 4 to 6 ounces of seed to produce plants for an acre of ground. For early cabbage in the Northern States the seed should be sown in hot-beds in February or March, or about six weeks before the ground outside is ready to receive the plants.

Seeds of the late varieties may be sown in cold frames or in the open ground in April or May and transplanted in the fields in June and July. Seed of early varieties for late crop may be sown as late as June 10th and mature a good crop. Cabbage requires a well-fertilized soil to grow a successful crop; 12,000 plants will set an acre. Where the soil is infected with Cabbage "yellows", Yellow Resistant varieties should be planted.

Early Varieties

GOLDEN ACRE

65 days. An extra early selection of the Copenhagen type, and the earliest of the round headed cabbages, maturing with Jersey Wakefield. Plants small, dwarf and compact, with few outer leaves; heads of medium size, round as a ball, hard, solid and very uniform. The best early shipping variety on account of its hard medium sized heads.

(Postpaid (Pkt. 10c) (Oz. 50c) (1/4 lb. \$1.50) (1b. \$5.00).

GREEN ACRE

66 days. An attractive strain of Golden Acre. The type and general characteristics are the same, but Green Acre holds its green color longer and is thus of added value to market gardeners and shippers.

(Postpaid (Pkt. 10c) (Oz. 50c) (1/4 lb. \$1.50) (1b. \$5.00).

EUROPEAN MARKET

65 days. This variety resembles the Copenhagen Market in shape, but is smaller in size, more solid and fully ten days earlier. The plant is dwarf and compact, producing medium sized heads, fine for market or home use.

(Postpaid (Pkt. 10c) (Oz. 50c) (1/4 lb. \$1.50) (1b. \$5.00).

GLORY OF ENKHUIZEN

80 days. A second early sure-heading variety of excellent quality. Heads large, round, solid, with few outer leaves. Used largely for kraut, also by truckers and shippers.

Postpaid (Pkt. 10c) (Oz. 35c) (1/4 lb. \$1.25) (1b. \$4.00).

EARLY JERSEY WAKEFIELD

65 days. Pointed head, medium early, very compact.

Postpaid (Pkt. 10c) (Oz. 25c) (1/4 lb. \$1.00) (1b. \$3.50).

COPENHAGEN MARKET

75 days. A very early round head cabbage. Plants compact with short stems and hard round heads. Used largely as an early shipper and for early kraut. Fine quality.

Postpaid (Pkt. 10c) (Oz. 35c) (1/4 lb. \$1.25) (1b. \$4.00).

EARLY FLAT DUTCH

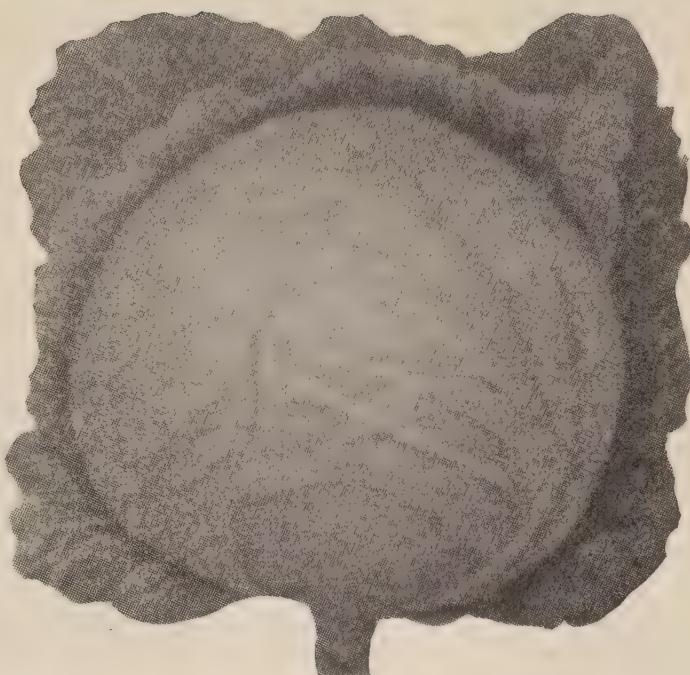
80 days. Second early variety with large flat heads.

Postpaid (Pkt. 10c) (Oz. 30c) (1/4 lb. \$1.00) (1b. \$3.50).

ALL HEAD EARLY

80 days. A large flat but deep short stemmed, solid headed variety. Few outside leaves and plants may be set closer than with other large cabbages. Heads weigh 6 to 7 lbs.

Postpaid (Pkt. 10c) (Oz. 30c) (1/4 lb. \$1.00) (1b. \$3.50).



Midseason and Late Varieties

PREMIUM LATE FLAT DUTCH

95 days. A justly popular and esteemed variety extensively cultivated for market and family use. Heads large, round, flattened and very firm; has a medium stem and is very hardy, fine for kraut purposes.

Postpaid (Pkt. 10c) (Oz. 30c) (1/4 lb. \$1.00) (1b. \$3.50).

OAKVIEW BALLHEAD

100 days. A large sized, short stemmed, round head, firm and solid; heads weigh 7 to 8 pounds. Color gray-green, with creamy white center, of crisp texture and good quality. Desirable for winter storage and for kraut.

Postpaid (Pkt. 10c) (Oz. 50c) (1/4 lb. \$1.50) (1b. \$5.50).

DANISH BALLHEAD SHORT-STEM

105 days. One of the best winter sorts and one of the most hardy; heads round, deep or balloon shaped and very solid. Good for storage and shipping.

Postpaid (Pkt. 10c) (Oz. 35c) (1/4 lb. \$1.25) (1b. \$4.00).

EVERGREEN HOLLANDER

110 days. A selection from Short Stem Hollander. Heads are large round, weight 5 to 6 lbs., solid and retains its dark green color late in the season. Good winter keeper.

Postpaid (Pkt. 10c) (Oz. 50c) (1/4 lb. \$1.50) (1b. \$5.50).

Late Varieties

DANISH ROUND HEAD OR SHORT STEM HOLLANDER

105 days. The most popular variety for fall and winter use. Desirable for shipping, storage and kraut. Plants medium with short stem. Heads solid, deep round and attractive.

Postpaid (Pkt. 10c) (Oz. 35c) (1/4 lb. \$1.25) (1b. \$4.00).

PENN STATE BALLHEAD (Originator's Strain)

105 days. Developed by the Penn Agricultural College. An extra heavy-yielding strain of Ballhead, with slightly flattened heads, and resistant to insect attacks.

Postpaid (Pkt. 10c) (Oz. 50c) (1/4 lb. \$1.50) (1b. \$5.50).

SHORT STEM HOLLANDER (Special)

120 days. The best late variety. Heads become firm while still rather small, reach good marketable size in 90 to 100 days. Plants medium small, allowing closer planting. Heads remarkably firm and solid and of splendid keeping quality.

Postpaid (Pkt. 10c) (Oz. 50c) (1/4 lb. \$1.50) (1b. \$5.50).

Yellows Resistant Varieties**GOLDEN ACRE (Yellows Resistant)**

60 days. Valuable new addition to the list of early round head varieties. Produces heads ready for market ten days earlier than Marion Market. Postpaid (Pkt. 10c) (Oz. 50c) (1/4 lb. \$1.50) (lb. \$5.00).

RACINE MARKET (Yellows Resistant)

60 days. Selected from Copenhagen Market; same head type except that leaf is gray-green. Heads round, solid, of superior quality and 98 to 100 per cent resistant.

Postpaid (Pkt. 10c) (Oz. 50c) (1/4 lb. \$1.50) (lb. \$5.50).

IMPROVED GLOBE (Yellows Resistant)

75 days. Selected from Glory of Enkhuizen. A fine midseason, round-head type, a few days later than Marion Market. Heads globe shaped, very compact, with small core. Heavy yielder, 95 to 100 percent resistant.

Postpaid (Pkt. 10c) (Oz. 40c) (1/4 lb. \$1.25) (lb. \$4.50).

WISCONSIN BALLHEAD (Yellows Resistant)

85 days. Selected from Danish Ballhead, identical in type and season. Round, solid compact heads; short stem; blue foliage. Suitable for early fall shipping and when planted to mature late, suitable for storage. Heads smaller and more uniform than Wisconsin Hollander; will produce equal tonnage if planted closer. Very uniform in type and maturity. 97 to 100 per cent resistant.

Postpaid (Pkt. 10c) (Oz. 50c) (1/4 lb. \$1.50) (lb. \$5.50).

**WISCONSIN HOLLANDER No. 8
(Yellows Resistant)**

90 to 100 days. Selected from Danish Ballhead. Not as uniform as the Wisconsin Ballhead. Heads round, becoming slightly flattened across the top; color blue-green. A heavy yielder and ideal for storage and shipping. Highly resistant to the yellows.

Postpaid (Pkt. 10c) (Oz. 50c) (1/4 lb. \$1.50) (lb. \$5.50).

MARION MARKET (Yellows Resistant)

70 days. Selected from Copenhagen Market, but is later and has more blue-green foliage; heads larger, round and very compact; 95 to 100 per cent resistant.

Postpaid (Pkt. 10c) (Oz. 40c) (1/4 lb. \$1.25) (lb. \$4.50).

RED HOLLANDER (Yellows Resistant)

100 days. A round-head, late red cabbage; very uniform; foliage purple-red, with heads becoming a deeper color with maturity. Heads solid and compact. Ideal late fall shipper and good for storage. Highly resistant to the yellows.

Postpaid (Pkt. 10c) (Oz. 50c) (1/4 lb. \$1.75) (lb. \$6.50).

Miscellaneous Varieties**PERFECTION DRUMHEAD SAVOY**

90 days. The best of the Savoy type for general use; an excellent keeper. Heads nearly round, full and hard; leaves large, coarsely crimped, dark bluish green, of good quality.

Postpaid (Pkt. 10c) (Oz. 40c) (1/4 lb. \$1.25) (lb. \$4.50).

RED ACRE

90 days. Heads round and compact, color deep purplish red. Good for storage; earlier than Red Rock.

Postpaid (Pkt. 10c) (Oz. 50c) (1/4 lb. \$1.75) (lb. \$6.00).

EARLY RED SUMMER

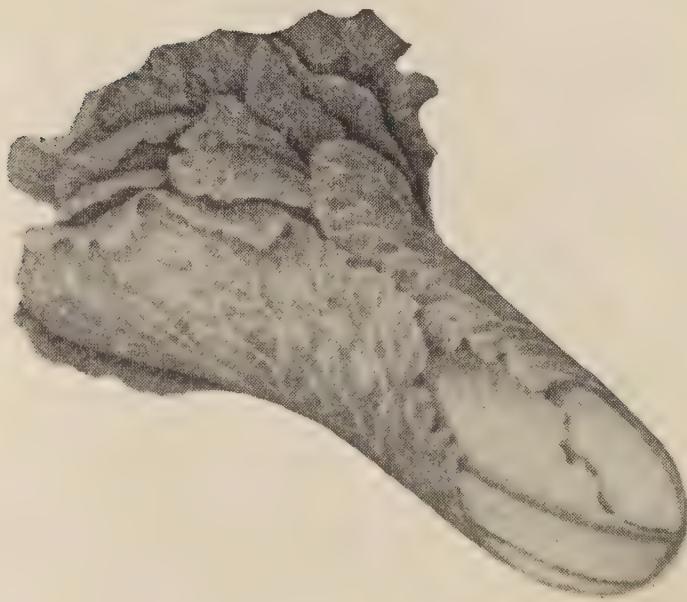
88 days. A superior strain of Red Rock developed by careful selection for uniformity and quality. Heads round, hard and heavy, deep colored throughout. A good shipper.

Postpaid (Pkt. 10c) (Oz. 50c) (1/4 lb. \$1.75) (lb. \$6.00).

MAMMOTH RED ROCK

110 days. The largest and best red cabbage. Heads round, extremely hard; color purplish red; excellent keeper.

Postpaid (Pkt. 10c) (Oz. 50c) (1/4 lb. \$1.50) (lb. \$5.50).

Chinese or Celery Cabbage**CULTURE**

Seeds sown out of doors late in July produces firm heads in October. The heads keep well in storage for at least two months.

CHIHILI

Early and sure heading. Heads become 18 to 20 inches tall, 3 1/2 to 4 inches thick, tapering near tip, very firm, well blanched, crisp, tender and very sweet.

Postpaid (Pkt. 10c) (Oz. 25c) (1/4 lb. 75c) (lb. \$2.50).

WONG BOK

Heads 8 to 10 inches tall, broad, firm. Well blanched, tender and excellent quality.

Postpaid (Pkt. 10c) (Oz. 25c) (1/4 lb. 75c) (lb. \$2.50).

Carrots

CULTURE

One ounce for 100 feet of drill, 4 pounds for an acre. The carrot, like other root crops, delights in a rich, sandy loam, well tilled. For early crops, sow in spring, as soon as the ground is in good working order, say April or May; for late crops they may be sown any time from the middle of June to July. Sow one-half inch deep in rows 12 inches apart, thinning out to 3 inches between the plants. As carrot seed is slow to germinate, extra precautions must be taken to firm the seed in the soil.

CHANTENAY—LONG TYPE

72 days. An excellent all purpose, medium early variety; desirable for home and market garden and for canning. A good cropper. Roots 5 to 6 inches long, deep orange, smooth, tapered, stump-rooted; flesh deep orange. Fine for bunching.

Postpaid (Pkt. 10c) (Oz. 20c) (1/4 lb. 50c) (1lb. \$1.50).

CHANTENAY RED CORED

72 days. An improved Chantenay with good interior color, valuable for market gardeners and shippers. Roots of same size and shape as standard Chantenay; flesh reddish orange with indistinct core; tender and sweet.

(Pkt. 10c) (Oz. 20c) (1/4 lb. 50c) (1lb. \$1.50).

COLORADO SHIPPER

72 days. A new strain bred particularly for the shipping trade. Top short, dark green, strong enough for good bunching; roots long, deep orange largely blunt ended; flesh bright orange, tender and of good quality.

(Pkt. 10c) (Oz. 20c) (1/4 lb. 60c) (1lb. \$2.00).

SUPERB HALF LONG

75 days. A new home and market garden variety. Resembles a small refined Danvers with short tops. Roots 6 to 7 inches long, about 2 inches in diameter at shoulder, tapering to a half stump. Exterior smooth and of excellent color. Core small and the same dark orange as the rest of the flesh.

Postpaid (Pkt. 10c) (Oz. 20c) (1/4 lb. 60c) (1lb. \$2.00).

STREAMLINER

An ideal new bunching carrot for shippers and market gardeners. Tops short, rather sparse, dark green, and strong. Roots long, slender, nearly cylindrical; at maturity 8 to 10 inches long by 1 1/4 to 1 1/2 inches at shoulder; grow completely underground. Color very deep orange, cores small and uniformly red.

Postpaid (Pkt. 10c) (Oz. 20c) (1/4 lb. 60c) (1lb. \$2.00).

DANVERS HALF LONG

75 days. Very productive and popular for home and market garden; much used for shipping. Roots bright deep orange, 6 to 7 inches long, tapered to a blunt end. Flesh bright orange, crisp and tender.

Postpaid (Pkt. 10c) (Oz. 20c) (1/4 lb. 50c) (1lb. \$1.50).

DANVER'S HALF LONG (Special)

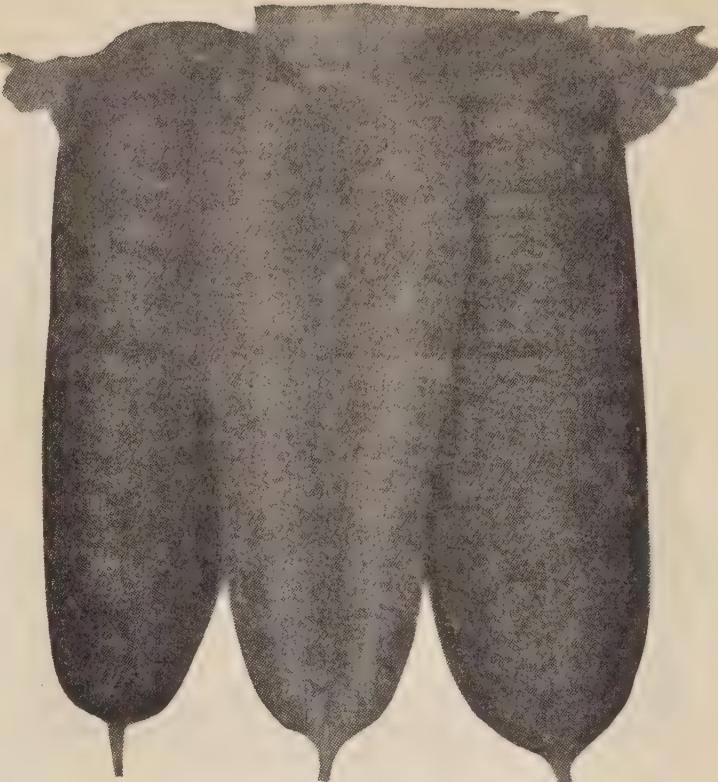
75 days. An improvement on the standard strain with roots 6 to 8 inches long. Roots tapered to a blunt end. Flesh bright orange, tender, and of good quality. Best variety for shipping.

Postpaid (Pkt. 10c) (Oz. 20c) (1/4 lb. 60c) (1lb. \$2.00).

IMPERATOR

77 days. A long carrot with rounded shoulders, tapered to semi-stump end. Roots 7 to 8 1/2 inches long. Top strong enough for bunching, flesh deep orange with indistinct core.

Postpaid (Pkt. 10c) (Oz. 25c) (1/4 lb. 75c) (1lb. \$2.50).



NANTES HALF LONG

70 days. Popular coreless carrot, very stump-rooted and with fine dark orange color throughout. Small top.

Postpaid (Pkt. 10c) (Oz. 20c) (1/4 lb. 60c) (1lb. \$2.00).

NANTES STRONG TOP STRAIN

70 days. This new coreless strain of Nantes has been especially bred for stronger tops so that they do not break off as easily when pulled for bunching. The top are no larger but they are heavier at the crown, a distinct advantage for both market and home gardens. The roots are of the same fine texture as regular strain of Nantes.

Postpaid (Pkt. 10c) (Oz. 25c) (1/4 lb. 75c) (1lb. \$2.50).

TOUCHON

70 days. A fine "coreless" carrot desirable for home and market. Roots 6 to 7 inches long, deep orange, cylindrical, stump rooted, fine flavor. Tops small.

Postpaid (Pkt. 10c) (Oz. 25c) (1/4 lb. 75c) (1lb. \$2.50).

OXHEART OR GUERANDE

72 days. Desirable for home use; prolific and a good keeper. Roots bright orange, thick, blunt ended, of heart shape. Flesh deep orange; small tops; easily harvested.

Postpaid (Pkt. 10c) (Oz. 20c) (1/4 lb. 50c) (1lb. \$1.50).

STOCK CARROTS

For Stock Feeding.

LARGE YELLOW BELGIAN

90 days. Roots light orange color, possessing high feeding properties; good keeper.

MASTODON OR SHORT WHITE

85 days. A large white carrot, grows thick but not long; heavy yielder.

The Above Varieties: Postpaid (Oz. 20c) (1/4 lb. 50c) (1lb. \$1.75).

Chicory

One ounce of seed to 200 foot row.

LARGE ROOTED OR COFFEE

The largest rooted variety.

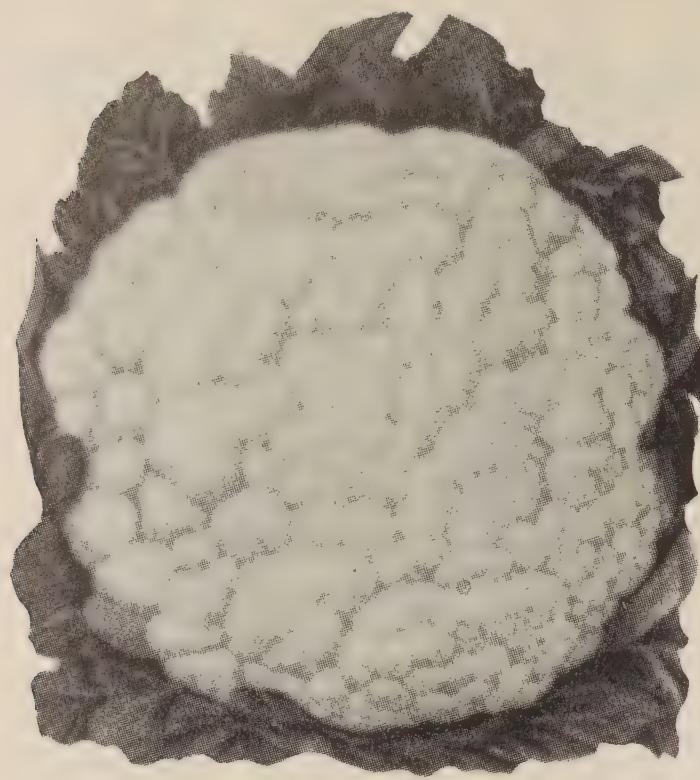
Postpaid (Pkt. 10c) (Oz. 50c).

WITLOFF OR FRENCH ENDIVE

A superior strain with wider leaves, larger tips and stalks, roots thicker at the shoulder, shorter and smoother.

Postpaid (Pkt. 10c) (Oz. 50c).

(PRICES SUBJECT TO CHANGE)



Cauliflower

CULTURE

One ounce will produce 2,000 plants. Four to 6 ounces of seed are required to produce enough plants to set an acre. Cauliflower delights in a rich, moist soil and in dry seasons should be abundantly watered, especially when heading. Early cauliflower is difficult to grow and is not of the best quality as the plants mature when the weather is hot. When the plants are set out about the first of July there should be no difficulty in getting fine large heads of first class quality, as these plants will mature when the weather is cool. For early crops sow the seed in the hot beds in January or February and transplant when weather permits. For late crop sow the seed in cold frames or in the open ground in April or May. Set only young, stocky plants that have not been stunted; 10,000 plants will plant an acre. Cauliflower is a rank grower and requires more room than cabbage. Care must be taken that the plants do not become checked in growth as that will cause them to head prematurely. Cultivation for cauliflower is the same as for cabbage. When heading tie the outside leaves loosely over the head to protect it from the sun.

SUPER-SNOWBALL

A very excellent variety bred for early headings and uniformity. Heads are compact, medium large, pure white in color. Plants are sturdy. Leaf growth sufficient to make tying easy. A popular variety among market gardeners and shippers. **Postpaid (Pkt. 25c) (1/4 Oz. 75c) (Oz. \$2.50) (1/4 lb. \$9.00) (lb. \$30.00).**

EARLY AMERICAN BEAUTY SNOWBALL

This new variety is outstanding for earliness and ability to produce uniform fine large heads. It is the earliest cauliflower we have seen, producing a great proportion of the heads in one cutting. The heads are of the Snowball type, uniformly large and deep, with a beautiful white and tight curd. The plant is rugged with an abundance of long, broad leaves which protect the head until it is quite large. **Postpaid (Pkt. 25c) (1/4 Oz. 75c) (Oz. \$2.50) (1/4 lb. \$9.00) (lb. \$30.00).**

SNOWBALL "X"

Snowdrift type. Large, solid white heads of fine quality. Recommend for use where weather conditions are unfavorable for growing earlier maturing strains. **Postpaid (Pkt. 25c) (1/4 Oz. 75c) (Oz. \$2.50) (1/4 lb. \$9.00) (lb. \$30.00).**

EARLY SNOWBALL "A"

Super Snowball Type. Short leaved type well adapted for greenhouse forcing or early market. Heads medium size, snow white, deep smooth, compact.

Postpaid (Pkt. 25c) (1/4 Oz. 75c) (Oz. \$2.50) (1/4 lb. \$9.00) (lb. \$30.00).

SNOWDRIFT

Is a somewhat more vigorous type of the Snowball class and selected to produce a larger head than Snowball without losing its earliness. This new strain matures with great evenness. The pure white heads are remarkable for their great depth, weight and unexcelled white color. The curd is of fine texture and resistant in a high measure to "riciness," and "fuzziness." We are sincere in believing that Snowdrift ranks as one of the very superior stocks of Cauliflower available anywhere.

Postpaid (Pkt. 25c) (1/4 Oz. 75c) (Oz. \$2.50) (1/4 lb. \$9.00) (lb. \$30.00).

WHITE MOUNTAIN

A very desirable sort for shipping. A strong growing variety of the Snowball type, produces larger and deeper heads and with no unusual growing hinderances will make very ample foliage with overlapping leaves over the head as a protection to the snow white heads in its forming. It is short stemmed and is not as "leggy" as many other types; matures with great uniformity and when tied comes on very rapidly.

Postpaid (Pkt. 25c) (1/4 Oz. 75c) (Oz. \$2.50) (1/4 lb. \$9.00) (lb. \$30.00).

Super Select (Imported Strain)

WHITE EXCELSIOR

Exceptionally even, early, good sized heads that are very solid and finely grained, and of pure snow-white which does not turn yellow even when exposed to bright sunlight. Selected especially for keeping a compact solid curd so that it does not grow "ricy" or "fuzzy."

Postpaid (Pkt. 25c) (1/4 Oz. \$1.00) (Oz. \$3.50) (1/4 lb. \$12.00) (lb. \$40.00).

DANAMERICA SUPER SNOWBALL

A second early variety, it forms a head that is unusually solid, heavy and snow white, it heads uniformly throughout the field and the whole crop is ready to cut inside of two weeks. The stalk of Danamerica is shorter than in any other variety, the leaves are not spaced but grow as closely together as Cabbage, forcing the inner leaves to curl over the head providing perfect protection from unfavorable weather.

Postpaid (Pkt. 25c) (1/4 Oz. 75c) (Oz. \$2.50) (1/4 lb. \$9.00) (lb. \$30.00).

SNOWBALL NO. 34

A selection in the super-snowball. Midseason. Has small frame, foliage deep green twisted and folded and self-protecting. Heads of medium size, very solid and of a perfect texture, ivory-white, long-standing and fairly heat resisting.

Postpaid (Pkt. 25c) (1/4 Oz. 75c) (Oz. \$2.50) (1/4 lb. \$9.00) (lb. \$30.00).

SNOWBALL NO. 116

The best all-around midseason cauliflower. Stands up well under adverse conditions, and is an ideal market growers variety. Plant of medium height, with upstanding medium green outer leaves. Heads firm, solid and very white. Well protected by inner folding leaves; curd has fine texture and is free from small protruding leaves.

Postpaid (Pkt. 25c) (1/4 Oz. 75c) (Oz. \$2.50) (1/4 lb. \$9.00) (lb. \$30.00).

Celery

CULTURE

One ounce of seed will produce 15,000 plants. Golden Self-Blanching Seed should be sown in hot-beds about March 1st, covering the seed very lightly. Keep the seed-bed moist, giving it plenty of air. Keep the tops of the plants sheared off, which will cause them to grow stockier with better roots. Keep the soil well stirred between the rows and around the plants. A good rule is to plow or work the ground every time it is watered. Great care should be used in watering, or the ground will sour and cause the celery to blight or rust. Celery requires water often, but not a great deal at a time. When about ready to harvest, it may be blanched with either boards or dirt, boards being preferable in warm weather, and dirt in cool weather.

Giant Pascal seed should be sown from the 1st to the 15th of April in hot-beds, same as the Golden Self-Blanching. Plants should be set in the field from June 10th to July 1st, in single rows, about 8 inches apart in the row, cultivating same as the Golden Self-Blanching. About October 10th or before freezing, it should be trenched and protected from freezing, when it will bleach and be ready for winter use.

GIANT PASCAL (Special Dwarf Strain)

Pascal celery is a very important crop with local celery growers and we have developed an excellent strain of this delicious vegetable. The plants are of dwarf stocky growth and do not develop soft stalks, nor seeders, and blanches easily to a rich creamy white. May be used as wrapped celery for early fall use or for trenching for winter use, a dozen stalks trimmed ready for market often weighing 10 to 15 pounds.

Postpaid (Pkt. 25c) (Oz. \$3.00) (1/4 lb. \$9.00 (1b. \$30.00).

GIANT PASCAL

Forms solid crisp stalks of rich nutty flavor. It is of strong growth, blanches easily and is very brittle. A fine keeper for midwinter use.

Postpaid (Pkt. 10c) (Oz. 75c) (1/4 lb. \$2.50) (1b. \$8.00).

SUMMER QUEEN

120 days. A new, early green pascal of exceptional quality. The plants are not tall but vigorous and compact, stalks 18 to 20 inches, and 8 to 9 inches to first joints, thick, crisp, stringless, excellent table quality; blanches to pure white.

Postpaid (Pkt. 25c) (Oz. \$2.00) (1/4 lb. \$7.00) (1b. \$25.00).

CRYSTAL WHITE JUMBO (Utah Strain)

A green mid-season variety easy to blanch. Height 26 to 28 inches, stems 9 to 10 inches long, very heavy rounded with narrow channels, slightly tapered from base to first joint, stems numerous, forming compact plant and hastening blanching of inner stems and hearts. Crystal smoothness and appearance when thoroughly blanched.

Postpaid (Pkt. 15c) (Oz. \$1.25) (1/4 lb. \$4.25) (1b. \$14.00).

EPICURE

115 days. One of the earliest green celeries. Tops medium light, bright green. Foliage erect, compact. Outer stems pale green, inner stems creamy white. Shows resistance to fusarium yellows.

Postpaid (Pkt. 15c) (Oz. \$1.25) (1/4 lb. \$4.25) (1b. \$14.00).

CORNELL NO. 19

100 days. An early, easy blanching strain of outstanding quality, described as a cross between the Self-Blanching and the Utah 10 1/2-11 inches to joint with an overall length of 24 inches. Hearts long and comparatively full. Stems thick, rounded and of smooth texture. Combines the good qualities of the pascal type and is highly resistant to fusarium yellows.

Postpaid (Pkt. 25c) (Oz. \$2.00) (1/4 lb. \$7.00) (1b. \$25.00).



MASTERPIECE

90 days. An early self-blanching strain, grows to a height of 24 to 26 inches, stems 8 to 9 inches long, are very thick, comparatively broad, with rounded edges and almost free from strings. Very crisp and fleshy and has that rich, nutty flavor so highly prized.

Postpaid (Pkt. 15c) (Oz. \$1.25) (1/4 lb. \$4.25) (1b. \$14.00).

SUPREME GOLDEN

90 days. Uniform strong growing early strain. Height overall varies from 22 to 27 inches, the edible stem is long, from 7 to 10 inches to the first joint, broad, fairly thick and carries the width well up to the joint. Tops dark green and very erect. Blanches readily to an attractive clear creamy white at maturity.

Postpaid (Pkt. 25c) (Oz. \$2.00) (1/4 lb. \$7.00) (1b. \$25.00).

GOLDEN DETROIT

The standard of excellence in the self-blanching class. Medium late and particularly valuable for shipping. A very uniform selection of Dwarf Golden Self-Blanching. Plant heavy, compact, full hearted; commonly 22 inches tall.

Postpaid (Pkt. 10c) (Oz. \$1.00) (1/4 lb. \$3.50) (1b. \$12.00).

GOLDEN SELF-BLANCHING (Tall Type)

Our seed is from the best American grower. It is early and particularly valuable for home and market garden. Plants are tall and compact with firm thick stalks which blanch readily and are of splendid quality.

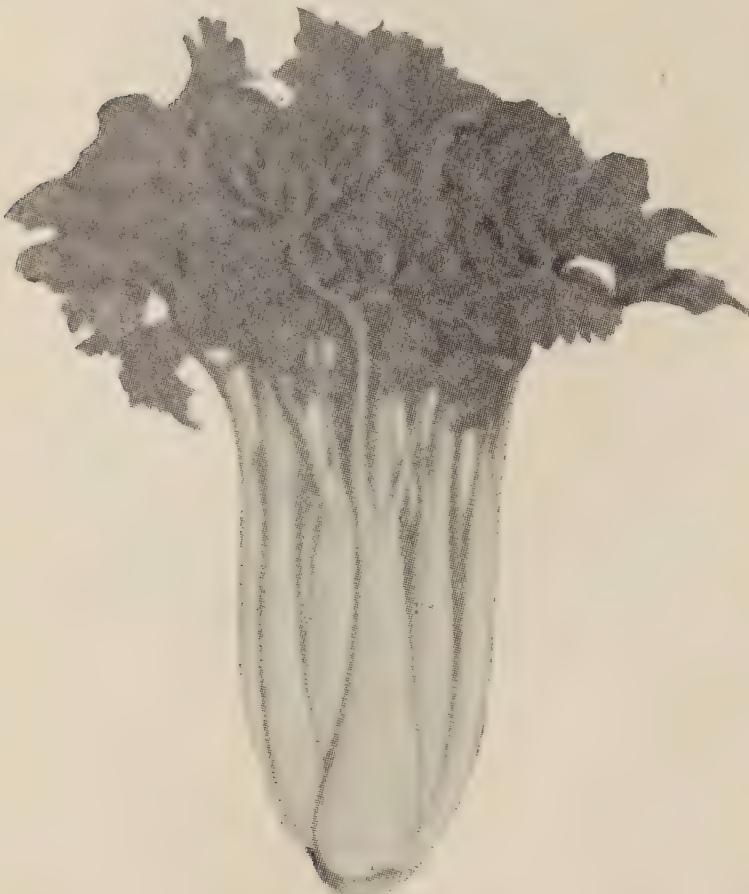
Postpaid (Pkt. 10c) (Oz. \$1.00) (1/4 lb. \$3.50) (1b. \$12.00).

GOLDEN NO. 14

Similar to Golden Detroit but averages a trifle taller and has more slender rounded stems. Very popular in some sections as a shipping variety.

Postpaid (Pkt. 10c) (Oz. \$1.00) (1/4 lb. \$3.50) (1b. \$12.00).

Celery



MICHIGAN GOLDEN (Disease Resistant)

A new strain of self-blanching celery that is highly resistant to Fusarium Yellows, also known as root rot and crown rot. It can be grown in soils where other kinds of yellow celery fail due to this disease. However, this variety is not recommended as a substitute for other kinds of yellow celery where they can be successfully grown. **Postpaid (Pkt. 15c) (Oz. \$2.00) (1/4 lb. \$7.00) (1lb. \$20.00).**

GOLDEN PLUME NON-BOLTING

A dwarf, compact golden strain. Tops are distinct dark green. Overall height 20 to 24 inches. Length of edible stem 6 to 8 inches. Plants are compact, upright in habit, hearts full, stems are broad and thick. Quality is good and blanches easily to a clear creamy white. **(Pkt. 25c) (Oz. \$2.00) (1/4 lb. \$7.00) (1lb. \$25.00)**

UTAH OR GOLDEN CRISP

An excellent variety for fall use, maturing about a week or ten days earlier than Giant Pascal. Plants sturdy, compact and exceptionally solid. Stems are broad, but thick and well rounded, of the fine quality and rich, nutty flavor. **Postpaid (Pkt. 10c) (Oz. 75c) (1/4 lb. \$2.50) (1lb. \$9.00).**

WHITE PLUME

Valuable for early market. Foliage green tinted white, stalks and foliage blanch readily to snowy white.

Postpaid (Pkt. 10c) (Oz. 50c) (1/4 lb. \$1.75) (1lb. \$6.00).

CELERIAC (Turnip-Rooted Celery)

It is used for flavoring and is in wide demand. Culture is the same as celery. As the roots are the edible portion it requires no hilling.

Postpaid (Pkt. 10c) (Oz. 50c) (1/4 lb. \$1.50) (1lb. \$5.50).

Celery Plants

We can supply Golden Self-Blanching and Giant Pascal Celery Plants in large quantities. If you are a celery grower and require celery plants for your planting, we shall be pleased to quote you prices. Our plants are grown for us by our best celery growers and plants will be the same as they use for their own crops, thus assuring you plants of the best quality.

DUST FOR CELERY BLIGHT

Kopper King Dust No. 10 is recommended for the control of early and late blight or rust of celery. Dust plants at first sign of blight and dust at intervals of every ten days in order to keep plants thoroughly covered. Copper has a stimulating effect on the growth of plants, resulting in increased yields and higher quality produce.

Price: 50-lb. bags \$4.50 f.o.b. Denver.

Sweet Corn

CULTURE

Days indicated mean average time required to produce roasting ears. One pound will plant 100 hills; 10 pounds an acre. Sweet corn should not be planted until the ground is warm, and danger from frost is past. Corn thrives best on warm, rich soil, and succeeds only when given frequent but shallow cultivation. For a continuous supply, begin planting as early as the season will permit, and plant every ten days or two weeks until July.

Hybrid Sweet Corn

SENECA "60"

60 days. The earliest of all hybrids. Is outstanding in quality for such an early corn. The stalk is 4 to 4½ feet tall, ears 6 inches long, 8 to 10 rowed, kernels yellow, produces 2 to 3 ears per stalk.

Postpaid (Pkt. 10c) (1/4 lb. 25c) (1lb. 75c).

HYBRID 6664

68 days. A new hybrid for garden, market, and whole ear pack. Ears 6 inches long with 8 to 12 rows of small, deep yellow kernels. Very high quality, exceptionally tender and sweet. Stalk 5½ feet.

Postpaid (Pkt. 10c) (1/4 lb. 20c) (1lb. 70c) (5 lbs. \$3.25) (10 lbs. \$6.00).

Not Postpaid (10 lbs. \$5.50) (25 lbs. \$12.50) (100 lbs. \$45.00).

GOLD RUSH

69 days. A first early yellow hybrid for early market with the strong hybrid vigor and productivity to replace the open pollinated first early yellow sorts. Ears 8½ inches long, 12 to 14 rowed, slightly tapered, well filled to tip most attractive yellow, tight husk. Tender, sweet, of fine quality and flavor.

Postpaid (Pkt. 10c) (1/4 lb. 20c) (1lb. 70c) (5 lbs. \$3.25) (10 lbs. \$6.00).

Not Postpaid (10 lbs. \$5.50) (25 lbs. \$12.50) (100 lbs. \$45.00).

GOLDEN ROCKET

70 days. An early Market Garden Sweet Corn producing ears of excellent flavor and quality, ears 7 inches long, 10 to 12 rowed with golden yellow kernels. It is a good clean plant virtually suckerless with stalks 5½ feet tall.

Postpaid (Pkt. 10c) (1/4 lb. 20c) (1lb. 70c) (5 lbs. \$3.25) (10 lbs. \$6.00).

Not Postpaid (10 lbs. \$5.50) (25 lbs. \$12.50).

MARCROSS NORTHERN

70 days. A popular large eared early sort for market gardeners. Ears 6½ to 7 inches long, 14-16 rows of medium width, yellow deep kernels. Sweet and tender. Stalk 5½ feet.

Postpaid (Pkt. 10c) (1/4 lb. 20c) (1lb. 70c) (5 lbs. \$3.25) (10 lbs. \$6.00).

Not Postpaid (10 lbs. \$5.50) (25 lbs. \$12.50) (100 lbs. \$45.00).

Sweet Corn (Continued)

MAR CROSS C6.13

72 days. An early market and home garden variety. Stalks short but sturdy, highly resistant to bacteria wilt. Ears long, Plump, abruptly tapered at tips; 10-14 rowed ears 7 inches long, with light cream-yellow, medium broad kernels of good quality.

Postpaid (Pkt. 10c) (1/4 lb. 20c) (lb. 60c) (5 lbs. \$2.75) (10 lbs. \$5.00).

Not Postpaid (10 lbs. \$4.50) (25 lbs. \$10.00) (100 lbs. \$38.00).

SENECA GOLDEN HYBRID

60 days. A new hybrid that might be described as an early Golden Cross Bantam. Stalks 5 1/2 feet tall, bearing two marketable ears on practically every stalk. A very good hybrid for high altitude and extra early growing. Kernels large, golden yellow and of best quality. Seed small; 6 to 8 lbs. will plant an acre.

Postpaid (Pkt. 10c) (1/4 lb. 20c) (lb. 70c) (5 lbs. \$3.25) (10 lbs. \$6.50).

Not Postpaid (100 lbs. \$60.00).

CARMEL CROSS

79 days. A second early variety for market, canning or home garden use. Vigorous and heavy yielding in comparison to its earliness. Medium sized, gently tapering ears 7 inches long, with 12-14 rows of yellow kernels.

Postpaid (Pkt. 10c) (1/4 lb. 20c) (lb. 60c) (5 lbs. \$2.75) (10 lbs. \$5.00).

Not Postpaid (10 lbs. \$4.50) (25 lbs. \$10.00) (100 lbs. \$38.00).

LINCOLN HYBRID

82 days. For market gardeners wanting large early ears. Golden yellow ears 7 to 8 inches, 14-16 rowed, medium narrow kernels of good quality. Stalk 6 1/2 to 7 feet, erect with ears borne high. Resists lodging.

Postpaid (Pkt. 10c) (1/4 lb. 20c) (lb. 70c) (5 lbs. \$3.25) (10 lbs. \$6.00).

Not Postpaid (10 lbs. \$5.50) (25 lbs. \$12.50) (100 lbs. \$45.00).

TOP CROSS MAINE BANTAM

81 days. Stalk sturdy with deep green foliage; ear 6 inches, 12-16 rowed, kernels medium-narrow and golden yellow. Tender and of excellent flavor. Highly resistant to Stewarts disease.

Postpaid (Pkt. 10c) (1/4 lb. 20c) (lb. 60c) (5 lbs. \$2.75) (10 lbs. \$5.00).

Not Postpaid (10 lbs. \$4.50) (25 lbs. \$10.00) (100 lbs. \$38.00).

KEYSTONE EVERGREEN HYBRID

86 days. This is a hybrid to take the place of regular Stowell's Evergreen. It is outstanding for its productiveness, drought resistance and uniform strong vigorous growth. Excellent for market, canning, home garden and quick freeze pack. Ears 8 1/2 inches long, 14 to 18 rowed, large white kernel of good depth and fine quality, well fitted to the tip, stalk 8 feet.

Postpaid (Pkt. 10c) (1/4 lb. 20c) (lb. 70c) (5 lbs. \$3.25) (10 lbs. \$6.00).

Not Postpaid (10 lbs. \$5.50) (25 lbs. \$12.50) (100 lbs. \$45.00).

JACQUES No. 33

86 days. Very similar in maturity and in size of stalk to Golden Cross Bantam. It will, however, produce a heavier yield of Corn. Excellent flavor and tenderness.

Postpaid (Pkt. 10c) (1/4 lb. 20c) (lb. 60c) (5 lbs. \$2.75) (10 lbs. \$5.00).

Not Postpaid (10 lbs. \$4.50) (25 lbs. \$10.00) (100 lbs. \$38.00).

✓ IOANA

87 days. Ears average 8 to 9 inches in length with 12 to 14 rows of medium width, deep yellow kernels of excellent quality and flavor. Height of stalk 6 to 6 1/2 feet. A new high yielding hybrid destined to be popular.

Postpaid (Pkt. 10c) (1/4 lb. 20c) (lb. 60c) (5 lbs. \$2.75) (10 lbs. \$5.00).

Not Postpaid (10 lbs. \$4.50) (25 lbs. \$10.00) (100 lbs. \$38.00).



GOLDEN HYBRID No. 2439

87 days. Exceptionally valuable to truckers and canners. Plants 7 feet tall, vigorous, uniform. Ears cylindrical, 7 1/2 inches long, 14-16 rowed with long husks, affording considerable resistance to ear worm. Kernels lustrous golden yellow, medium narrow and deep, with tender hull; sweet and of excellent quality.

Postpaid (Pkt. 10c) (1/4 lb. 20c) (lb. 70c) (5 lbs. \$3.25) (10 lbs. \$6.00).

Not Postpaid (10 lbs. \$5.50) (25 lbs. \$12.50) (100 lbs. \$45.00).

GOLDEN CROSS BANTAM

88 days. The most widely adapted hybrid. Noted for great uniformity, heavy yield, resistance to bacterial wilt and for its flavor and quality.

Postpaid (Pkt. 10c) (1/4 lb. 20c) (lb. 60c) (5 lbs. \$2.75) (10 lbs. \$5.00).

Not Postpaid (10 lbs. \$4.50) (25 lbs. \$10.00) (100 lbs. \$38.00).

ILLINOIS GOLDEN No. 10

89 days. This hybrid is in season with Golden Cross Bantam and should not be overlooked as a main cropper. It is outstanding for canning and has excellent possibilities in market gardens. Attractive golden color, tender and sweet. Ears 8 inches long, tight shuck, 12 to 16 rowed, very uniform, rows straight, slightly tapered at tip.

Postpaid (Pkt. 10c) (1/4 lb. 20c) (lb. 60c) (5 lbs. \$2.75) (10 lbs. \$5.00).

Not Postpaid (10 lbs. \$4.50) (25 lbs. \$10.00) (100 lbs. \$38.00).

Corn

Open Polinated Varieties

SIXTY DAY GOLDEN

60 days. Earliest of the golden varieties with medium large ears with twelve rows of rather wide yellow kernels of very good quality. A good early market or garden corn. Height of stalks 5 feet.

Postpaid (Pkt. 5c) (1/4 lb. 15c) (1b. 40c) (5 lbs. \$1.75) (10 lbs. \$3.00).

Not Postpaid (10 lbs. \$2.50) (25 lbs. \$5.75) (100 lbs. \$22.00).

GOLDEN GEM

70 days. An early yellow variety with ears of good size—6 to 7 inches, 8 rowed, stalks 3 1/2 to 4 ft. Excellent eating quality, especially adapted to regions of short growing seasons.

Postpaid (Pkt. 5c) (1/4 lb. 15c) (1b. 40c) (5 lbs. \$1.75) (10 lbs. \$3.00).

Not Postpaid (10 lbs. \$2.50) (25 lbs. \$5.75) (100 lbs. \$22.00).

GOLDEN SUNSHINE

76 days. An early variety with good sized ear, particularly desirable for market garden use. Ears 10 to 12 rowed. Kernels medium broad golden yellow, sweet, tender and of good flavor.

Postpaid (Pkt. 5c) (1/4 lb. 15c) (1b. 40c) (5 lbs. \$1.75) (10 lbs. \$3.00).

Not Postpaid (10 lbs. \$2.50) (25 lbs. \$5.50) (100 lbs. \$20.00).

EARLY EVERGREEN

90 days. One of the best known and widely used canning varieties, also desirable for market gardeners.

Postpaid (Pkt. 5c) (1/4 lb. 15c) (1b. 40c) (5 lbs. \$1.75) (10 lbs. \$3.00).

Not Postpaid (10 lbs. \$2.50) (25 lbs. \$5.50) (100 lbs. \$20.00).

COUNTRY GENTLEMAN

93 days. A late prolific variety of excellent quality, used widely by canners; also desirable for home and market gardens. Stalks often with two ears. Kernels very deep, slender, sweet, with tender hull and set irregularly without row formation.

Postpaid (Pkt. 5c) (1/4 lb. 15c) (1b. 40c) (5 lbs. \$1.75) (10 lbs. \$3.00).

Not Postpaid (10 lbs. \$2.50) (25 lbs. \$5.50) (100 lbs. \$20.00).

STOWELL'S EVERGREEN

95 days. The best known late variety. Highly desirable for home and market garden. Stalks sturdy and erect; ears 2 1/2 inches thick uniform, tender. Holds well in prime condition at eating stage.

Postpaid (Pkt. 5c) (1/4 lb. 15c) (1b. 40c) (5 lbs. \$1.75) (10 lbs. \$3.00).

Not Postpaid (10 lbs. \$2.50) (25 lbs. \$5.50) (100 lbs. \$20.00).

GOLDEN BANTAM

83 days. Early variety of excellent quality for both market and home use. Stalks 4 1/2 to 5 feet tall, very productive, commonly bearing two ears. Ears 6 to 7 inches long, 8 rowed, kernels rich golden yellow, very tender, sweet and of splendid flavor.

Postpaid (Pkt. 5c) (1/4 lb. 15c) (1b. 40c) (5 lbs. \$1.75) (10 lbs. \$3.00).

Not Postpaid (10 lbs. \$2.50) (25 lbs. \$5.50) (100 lbs. \$20.00).

IMPROVED GOLDEN BANTAM

84 days. A selection from the original strain of Golden Bantam resulting in a larger ear with more rows and greater productivity. Ears 10 to 14 rowed, uniform and attractive. Kernels Golden yellow, medium wide, deep sweet and of fine flavor.

Postpaid (Pkt. 5c) (1/4 lb. 15c) (1b. 40c) (5 lbs. \$1.75) (10 lbs. \$3.00).

Not Postpaid (10 lbs. \$2.50) (25 lbs. \$5.50) (100 lbs. \$20.00).

BANTAM OR GOLDEN EVERGREEN

89 days. Developed through crossing Golden Bantam and Stowell's Evergreen. Ears 14 to 18 rowed. Kernels rich golden yellow, deep with tender hull, sweet, and of fine quality. An outstanding medium late variety.

Postpaid (Pkt. 5c) (1/4 lb. 15c) (1b. 40c) (5 lbs. \$1.75) (10 lbs. \$3.00).

Not Postpaid (10 lbs. \$2.50) (25 lbs. \$5.50) (100 lbs. \$20.00).

Pop Corn

CULTURE

Pop Corn is raised the same as field corn. It should be allowed to get thoroughly ripe before cutting. Very easily raised and often proves a profitable crop. 5 to 6 pounds will plant an acre.

Hybrid Pop Corn

MINHYBRID 250 WHITE HULLESS

It far surpasses the old Jap Hulless—records show a 16% greater yield and a 29% greater popping expansion. Minhybrid is the finest Pop Corn obtainable from the standpoint of quality, flavor and tenderness.

Postpaid (1/4 lb. 30c) (1b. 85c) (5 lbs. \$4.00) (10 lbs. \$7.50).

Not Postpaid (10 lbs. \$7.00) (25 lbs. \$16.25).

HYBRID GOLDEN GIANT (New)

120 days. Has all the advantages of Hybrid corn over the open polinated. Produces more bushels per acre, uniform ears, better quality popping kernels, as well as being drought resistant and shows very good lodging resistance.

Postpaid (1/4 lb. 30c) (1b. 85c) (5 lbs. \$4.00) (10 lbs. \$7.50).

Not Postpaid (10 lbs. \$7.00) (25 lbs. \$16.25).

Open Polinated Varieties

HULLESS OR TOM THUMB

105 days. A heavy yielder, ears closely set with pure white, rice like kernels. Kernels are free from hulls or shells and pop readily. The popped kernels are snow white and so tender they melt in your mouth.

Postpaid (Pkt. 5c) (1/4 lb. 15c) (1b. 40c) (5 lbs. \$1.75) (10 lbs. \$3.00).

Not Postpaid (10 lbs. \$2.50) (25 lbs. \$5.50) (100 lbs. \$20.00).

GOLDEN GIANT

Pops the largest kernels of any variety, crisp and tender, fine flavored, of a rich golden butter color.

Postpaid (Pkt. 5c) (1/4 lb. 15c) (1b. 40c) (5 lbs. \$1.75) (10 lbs. \$3.00).

Not Postpaid (10 lbs. \$2.50) (25 lbs. \$5.50) (100 lbs. \$20.00).

Cucumbers

CULTURE

One ounce of seed will plant 50 hills, 2 pounds an acre. Cucumbers succeed best in warm, moist, rich, loamy soil. Plant as soon as danger from frost has passed. In hills about 4 feet apart each way.

Slicing Varieties

EVERBEARING

55 days. Small, very early variety. By keeping the fruits picked, it will continue to bear throughout the growing season.

Postpaid (Pkt. 10c) (Oz. 25c) (1/4 lb. 60c) (1b. \$2.00).

ARLINGTON WHITE SPINE

60 days. Popular among the older early sorts; good for home garden use.

Postpaid (Pkt. 10c) (Oz. 25c) (1/4 lb. 60c) (1b. \$2.00).

STAYS GREEN (Black Diamond)

60 days. A handsome, early, medium sized, prolific variety used extensively for shipping. Fruits symmetrical, nearly square ended. Very dark green, holds color and firmness well when shipped long distances.

Postpaid (Pkt. 10c) (Oz. 25c) (1/4 lb. 75c) (1b. \$2.50).

Cucumbers, (Continued)

EARLY FORTUNE

63 days. Desirable for shipping and good for slicing. Fruits medium-deep green, slightly tapering. Flesh firm and crisp.

Postpaid (Pkt. 10c) (Oz. 25c) (1/4 lb. 75c) (1b. \$2.50).

CLARK'S SPECIAL OR WOODRUFF'S HYBRID

(Long Strain)

64 days. Valuable for market garden and shipping; a main crop sort, prolific and attractive. Fruits dark green; slightly tapered at both ends; flesh crisp and firm.

Postpaid (Pkt. 10c) (Oz. 25c) (1/4 lb. 75c) (1b. \$2.50).

MARKETER

65 days. Medium size, very prolific, trim and of uniform size, tapering slightly to both ends, attractive dark green color.

Postpaid (Pkt. 10c) (Oz. 40c) (1/4 lb. \$1.25) (1b. \$4.00).

DAVIS PERFECT

65 days. A desirable mid-season variety for shipping. Fruits dark green; flesh crisp and of good quality.

Postpaid (Pkt. 10c) (Oz. 25c) (1/4 lb. 75c) (1b. \$2.50).

COLORADO

67 days. A very attractive variety, good for market gardens and for shipping. Fruit very dark green, cylindrical, round with small seed pocket. Unusually free from striping at blossom end.

Postpaid (Pkt. 10c) (Oz. 30c) (1/4 lb. 90c) (1b. \$3.00).

CUBIT

70 days. Bronze medal winner of 1944. A prolific, white spined variety distinguished by unusually uniform dark green exterior color and long blunted cylindrical shape. The interior has smooth crisp texture with small seed area. Cubit is a main crop long slicing variety.

Postpaid (Pkt. 10c) (Oz. 30c) (1/4 lb. 90c) (1b. \$3.00).

STRAIGHT-8

68 days. Desirable for home and market gardens and shipping. Fruit uniformly cylindrical; rounded at ends, medium green; quite free from light stripes. An attractive variety.

Postpaid (Pkt. 10c) (Oz. 30c) (1/4 lb. 90c) (1b. \$3.00).

A AND C

68 days. An outstanding variety for shipping on account of its deep green color. Fruits slightly tapered at neck and moderately pointed, but fairly straight and symmetrical; 8-9 inches long, 2 1/2 inches thick; white-spined.

Postpaid (Pkt. 10c) (Oz. 30c) (1/4 lb. 90c) (1b. \$3.00).

IMPROVED LONG GREEN

70 days. Standard late variety for home garden; excellent for slicing; hardy and prolific. Fruits deep green, straight, slightly tapered; flesh very white and crisp.

Postpaid (Pkt. 10c) (Oz. 25c) (1/4 lb. 75c) (1b. \$2.50).

LONGFELLOW (Vaughan)

70 days. Desirable for home garden, and for shipping; also sometimes used for greenhouse forcing. Fruits dark green, uniform, straight and attractive.

Postpaid (Pkt. 10c) (Oz. 30c) (1/4 lb. 90c) (1b. \$3.00).

Pickling Varieties

BOSTON PICKLING

56 days. Early, plants very productive, fruits short, slender, slightly tapering, medium color.

Postpaid (Pkt. 10c) (Oz. 25c) (1/4 lb. 60c) (1b. \$2.00).

CHICAGO PICKLING

56 days. This is similar to Boston, but pickles are a little shorter, thicker and less tapering.

Postpaid (Pkt. 10c) (Oz. 25c) (1/4 lb. 60c) (1b. \$2.00).



EARLY CLUSTER

55 days. Very fine pickling sort. Very popular. Medium dark green, prolific, full at both ends.

Postpaid (Pkt. 10c) (Oz. 25c) (1/4 lb. 60c) (1b. \$2.00).

NATIONAL PICKLING

54 days. Especially bred for pickling in the small sizes. Fruit straight, and blunted-ended, but not chunky. Deep green color. Makes firm, crisp pickles.

Postpaid (Pkt. 10c) (Oz. 25c) (1/4 lb. 60c) (1b. \$2.00).

SNOW'S PERFECTION PICKLING

56 days. Extremely early and prolific. Fruit 5 inches long; dark green at pickling size, black spined, symmetrical, blunted ended.

Postpaid (Pkt. 10c) (Oz. 25c) (1/4 lb. 60c) (1b. \$2.00).

WEST INDIA GHERKIN

60 days. An extremely small fruited variety grown exclusively for pickles. It has no value for slicing. Is very prickly, but tender and crisp if picked when young. Seed germinates slowly.

Postpaid (Pkt. 10c) (Oz. 25c) (1/4 lb. 75c) (1b. \$2.50).

Herbs

Herbs delight in a rich, mellow soil. Sow in early spring in shallow drills one foot apart; cover lightly with fine soil, and when up a few inches thin out, or transplant into prepared beds. Care should be taken to harvest properly. Do this on a dry day, just before they come into full bloom; dry quickly in the shade, pack closely in bottles or dry boxes to exclude the air. Varieties marked (*) are perennials.

	Pkt.	Pkt.	
Anise	10c	Coriander	10c
*Balm	10c	Dandelion	10c
Basil, Sweet	10c	Florence Fennel	10c
Borage	10c	Rosemary	10c
Caraway	10c	*Sweet Fennel	10c
*Catnip	10c	*Sage	10c
Chervil	10c	Summer Savory	10c
*Chives	10c	*Horehound	10c

All prices on Herbs are Postpaid.

Dill

One ounce of seed will sow 50 feet of row.

LONG ISLAND MAMMOTH

Large seed heads. Much superior to the common dill.

Postpaid (Pkt. 10c) (Oz. 20c) (1/4 lb. 50c) (1b. \$1.50).

Eggplant

CULTURE

One ounce will produce 1,000 to 2,000 plants. Seed is of slow germination and requires a moderate amount of heat. Should be started in hotbeds early in March and transplanted to four or six inches apart. Eggplants are very tender and will not stand frost.

BLACK BEAUTY

81 days. The best of all. Fruit large, handsome shape and of a rich, glossy black color. Quite early, very productive and thornless.

Postpaid (Pkt. 10c) (Oz. 50c) (1/4 lb. \$1.75) (1lb. \$5.50).

NEW YORK IMPROVED

83 days. Fruit large, good shape and of a dark purple color, very productive and spineless.

Postpaid (Pkt. 10c) (Oz. 50c) (1/4 lb. \$1.75) (1lb. \$5.50).

FLORIDA HIGH BUSH

85 days. Plants are large and high, usually bearing the fruit off the ground. Resistant to drought and blight. Fruit medium size, pear-shaped and of purple color.

Postpaid (Pkt. 10c) (Oz. 50c) (1/4 lb. \$1.75) (1lb. \$5.50).

NEW HAMPSHIRE HYBRID

An early high productive Black Beauty. It was developed by Prof. J. R. Hepler of the New Hampshire Agricultural Experiment Station. The fruit is slightly oval, a fine purple in color, smaller than Black Beauty, but is earlier and gives large yields.

Postpaid (Pkt. 10c) (Oz. 50c) (1/4 lb. \$1.75) (1lb. \$5.50).

Endive

One ounce of seed sows 150 feet of drill.

BROAD-LEAVED BATAVIAN (Escarolle)

A decided improvement on the old broad-leaved Batavian. Leaves dark green. The plants are of a larger size and make a fuller heart, easily blanched without needing to be tied. This is a money-making crop.

Postpaid (Pkt. 10c) (Oz. 25c) (1/4 lb. 75c) (1lb. \$2.00).

GREEN CURLED—All Heart Strain

Grows larger than Green Curled and has less serrated leaves. It is later in maturing, but when well grown on good soil it forms a large full heart of fine quality. When blanched, the heads are delicate yellow in the heart and very attractive. Used largely by market growers.

Postpaid (Pkt. 10c) (Oz. 25c) (1/4 lb. 75c) (1lb. \$2.00).

Kohl Rabi

One ounce will seed 200 feet of row.

EARLY WHITE VIENNA

The leading variety, a very fancy strain of the short-leaved type. Best for forcing or in the open field.

Postpaid (Pkt. 10c) (Oz. 40c) (1/4 lb. \$1.25) (1lb. \$4.00).

EARLY PURPLE VIENNA

A few days later in maturing, with leaves and bulbs of purple color. Otherwise similar to White Vienna.

Postpaid (Pkt. 10c) (Oz. 40c) (1/4 lb. \$1.25) (1lb. \$4.00).

Leek

Cultivate the same as onions.

LARGE AMERICAN FLAG

The most popular variety; grows to a good size, is straight and uniform, and is of the best quality.

Postpaid (Pkt. 10c) (Oz. 60c) (1/4 lb. \$2.00) (1lb. \$6.00).

GIANT MUSSELBURG

The rich flavor of this extra large leek has made it popular. It is a very hardy sort with dark green fan-shaped leaves. The edible stems are 6 to 8 inches in length and about 3 inches in diameter.

(Pkt. 10c) (Oz. 60c) (1/4 lb. \$2.00) (1lb. \$6.00).



Lettuce

CULTURE

One ounce will sow 150 feet of drill, two pounds an acre. Lettuce is a hardy plant and will stand a low degree of temperature; however, a moderate temperature is desirable during the growing period. Lettuce stands cold much better than heat, making it impossible to produce lettuce of good quality during the hot summer months. Hot weather causes the plants to go to seed instead of heading.

Lettuce requires considerable soil moisture; however, an excess of moisture may cause stem rot. A light, loamy soil, enriched with well-rotted manure, is best adapted for the successful growing of lettuce. If planted on poor soil the heads will be small and leaves tough.

As soon as the ground can be successfully worked, sow in drills 15 to 20 inches apart, one-half to one inch deep. Thin the plants 8 to 15 inches apart in the row. Large headed varieties, like New York Wonderful or Iceberg, thin to 15 inches in the row.

NEW YORK or WONDERFUL

Commonly called Iceberg by the produce trade. A large curled heading lettuce, with dark green leaves. Heads are well blanched, sweet, tender, crisp and of excellent quality.

Postpaid (Pkt. 10c) (Oz. 35c) (1/4 lb. \$1.00) (1lb. \$3.40).

NEW YORK No. 12

A widely used strain of New York, well adapted to mid-season maturity, as it stands heat well. Plant and head lighter green than New York, with fewer outer leaves several days earlier; large, compact and attractive.

Postpaid (Pkt. 10c) (Oz. 35c) (1/4 lb. \$1.00) (1lb. \$3.40).

NEW YORK No. 55

All American Selection for 1942, introduced by Pieters-Wheeler. Probably the earliest maturing New York type in existence. Good base, hard heading, crisp, of the highest quality with considerable resistance to tip-burn. Heads well in summer and early fall.

Postpaid (Pkt. 10c) (Oz. 35c) (1/4 lb. \$1.00) (1lb. \$3.40).

NEW YORK No. 515

A Pieters-Wheeler introduction, bred as a summer variety to resist tip-burn. A cross between Iceberg and New York, resembling No. 12; has a better fold, is more sure heading and more resistant to tip-burn.

Postpaid (Pkt. 10c) (Oz. 35c) (1/4 lb. \$1.00) (1lb. \$3.40).

Lettuce

NEW YORK No. 199

An improved strain, larger, darker green and has a better base structure. An ideal summer lettuce. **Postpaid (Pkt. 10c) (Oz. 35c) (1/4 lb. \$1.00) (1b. \$3.40).**

TRIPLE XXX

The best of the No. 515 types, highly resistant to tip-burn.

Postpaid (Pkt. 10c) (Oz. 35c) (1/4 lb. \$1.00) (1b. \$3.40).

IMPROVED HANSON

Large, compact head with yellowish-green leaves, curly with fringed edge. Good for mid-summer planting.

Postpaid (Pkt. 10c) (Oz. 25c) (1/4 lb. 75c) (1b. \$2.10).

PARIS WHITE COS or ROMAINE

Large size, and medium green, compact head, well blanched. For home and market, and well adapted for greenhouse use.

Postpaid (Pkt. 10c) (Oz. 25c) (1/4 lb. 75c) (1b. \$2.10).

ROHCO

A new introduction of the Imperial type, a selection from Imperial 615. It will produce more marketable heads of highest quality and earlier than Imp. 615. Does well in cool weather, withstands frost and cold better than other Imperial varieties.

Postpaid (Pkt. 10c) (Oz. 35c) (1/4 lb. \$1.00) (1b. \$3.40).

GREAT LAKES

Bronze Medal award for 1944. This is of the Imperial type which is so largely used by truck gardeners. What chiefly distinguishes Great Lakes from other varieties of the Imperial type is its increased resistance to tip-burn injury and greater ability to produce solid heads under adverse conditions. The leaves are large, relatively thick, folding well over the head so that when unwrapped they give large pieces desirable for salads.

Postpaid (Pkt. 25c) (Oz. 50c) (1/4 lb. \$1.50) (1b. \$5.50).

IMPERIAL No. 847

Resistant to brown blight. Heads hard and fine. Best for early spring and late fall crop. Black seed.

Postpaid (Pkt. 10c) (Oz. 35c) (1/4 lb. \$1.00) (1b. \$3.40).

IMPERIAL No. 815

Black Seeded identical with No. 847, for which see description.

Postpaid (Pkt. 10c) (Oz. 35c) (1/4 lb. \$1.00) (1b. \$3.40).

IMPERIAL No. 456

A new variety developed by the U.S.D.A. and Cornell Experiment Station. Matures hard, large heads in mid-summer and will not burn in the hottest weather. Leaves grass-green color, brittle foliage, prominent mid-ribs. An excellent market garden and shipping variety. Seed white.

Postpaid (Pkt. 25c) (Oz. 50c) (1/4 lb. \$1.75) (1b. \$6.50).

IMPERIAL No. 615

Bred from Imperial No. 152 but somewhat later; resistant to brown blight; does not develop suckers. Heads medium large, solid and firm. Best for fall crop.

Postpaid (Pkt. 10c) (Oz. 35c) (1/4 lb. \$1.00) (1b. \$3.40).

IMPERIAL No. 152

Resistant to brown blight, adapted for fall crop. Dependable in heading, heads medium large, solid and attractive.

Postpaid (Pkt. 10c) (Oz. 35c) (1/4 lb. \$1.00) (1b. \$3.40).

IMPERIAL No. 44

Is an Iceberg type and is superior to N. Y. Special. Outstanding in trials this past year. A large head, solid and crisp. Forms a larger percentage of marketable heads than other varieties. Seems to be quite resistant to tip-burn. You will be well pleased with Imperial No. 44, either on muck or upland soils. Stands the hot weather when others fail.

Postpaid (Pkt. 10c) (Oz. 35c) (1/4 lb. \$1.00) (1b. \$3.40).

Leaf Lettuce

EARLY CURLLED SIMPSON or SILECIA

A fine home garden sort, with light green frilled leaves.

Postpaid (Pkt. 10c) (Oz. 20c) (1/4 lb. 75c) (1b. \$2.10).

BLACK SEEDED SIMPSON

An early loose leaved type, with yellowish-green frilled leaves.

Postpaid (Pkt. 10c) (Oz. 20c) (1/4 lb. 70c) (1b. \$2.10).

GRAND RAPIDS

One of the most popular sorts, for forcing or out-of-door use. Plants compact with light green frilled leaves. Tip-burn resistant.

Postpaid (Pkt. 10c) (Oz. 25c) (1/4 lb. 75c) (1b. \$2.35).

PRIZEHEAD

An early, non-heading sort, leaves dark green, edged with brown and highly frilled.

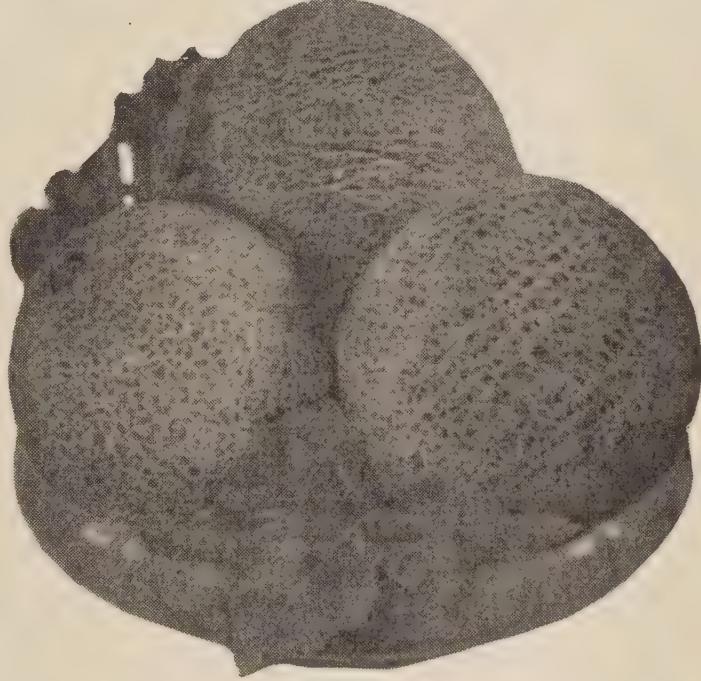
Postpaid (Pkt. 10c) (Oz. 25c) (1/4 lb. 75c) (1b. \$2.35).

OAKLEAF

An early dark green leaf lettuce, leaves are thick, smooth, but deeply lobed to resemble the leaf of an oak tree.

Postpaid (Pkt. 10c) (Oz. 25c) (1/4 lb. 75c) (1b. \$2.35).

Muskmelon or Cantaloupe



CULTURE

One ounce of seed is sufficient for 50 hills; 2 pounds per acre. Plant in May and June. Melons do best in sandy soil or sod land; the ground should be made rich. The hills should be 4 to 6 feet apart with 10 to 12 seeds in each hill. Put the seeds an inch deep and when danger of frost is over, thin to four good plants to a hill. Cultivation should be kept up as long as possible.

HALE'S BEST, JUMBO

82 days. A large fruited strain of this well-known variety for local markets. Fruits slightly oval, ribbing prominent, heavily netted. Flesh thick, salmon-orange, sweet and of excellent quality; seed pocket rather large.

Postpaid (Pkt. 10c) (Oz. 25c) (1/4 lb. 75c) (1b. \$2.25).

HALE'S BEST 9-36

87 days. An early variety with medium vines, vigorous and healthy. Melons oval in shape, running to jumbo sizes. Well netted; flesh pink, sweet and thick. A heavy yielder.

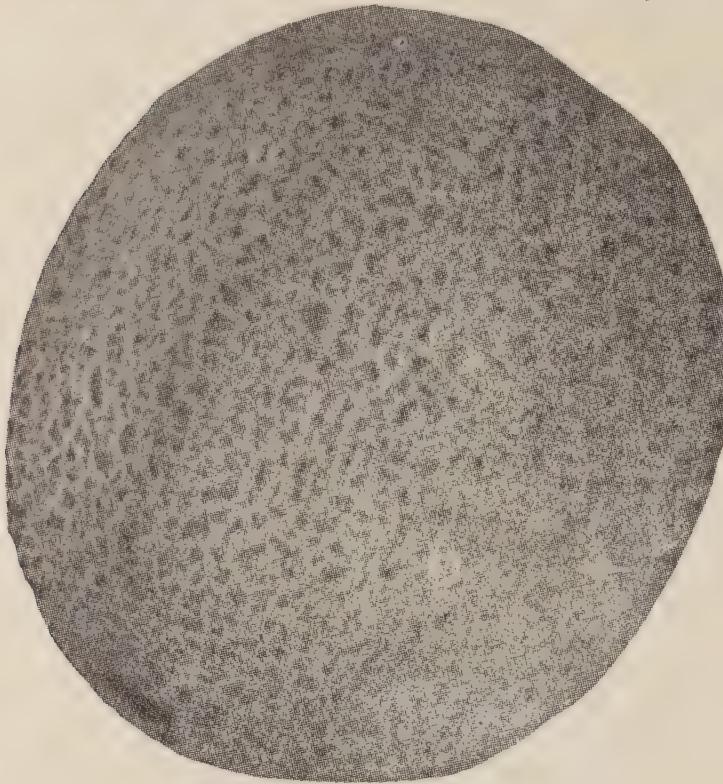
Postpaid (Pkt. 10c) (Oz. 25c) (1/4 lb. 75c) (1b. \$2.25).

IMPROVED PERFECTO

92 days. An excellent late shipping variety. Melons are heavily netted without ribbing. Flesh orange, thick and has a delicious flavor. Small seed cavity. An excellent melon.

Postpaid (Pkt. 10c) (Oz. 25c) (1/4 lb. 75c) (1b. \$2.25).

Muskmelon or Cantaloupe



HALES'S BEST No. 9-36

All hand-cut, crown set seed in 1-pound sealed bags.

Postpaid (\$2.50).

HALES'S BEST No. 45

86 days. Mildew resistant. An early variety developed particularly for the shipping trade. The No. 45 is a true Hale's Best. Oval shape, medium size, with heavy net and a faint stripe. Flesh is deep salmon, thick and firm with small seed cavity. Recommended to plant where mildew is prevalent.

Postpaid (Pkt. 10c) (Oz. 25c) (1/4 lb. 75c) (lb. \$2.25).

HALE'S BEST No. 45

All hand-cut crown set seed in 1-pound sealed bags.

Postpaid (\$2.50).

NEW SEED BREEDERS

84 days. All purpose melon, very uniform. Heavily netted with a faint stripe, shape is slightly oval with deep pink flesh. Similar to Hale's Best but will outyield Hale's because of fewer culs.

Postpaid (Pkt. 10c) (Oz. 25c) (1/4 lb. 75c) (lb. \$2.25).

U. S. D. A. No. 5—Mildew Resistant (New)

85 days. Totally resistant to all kinds of mildew. Adapted for long distance shipping, for crating and for home garden. When cut the flesh is extraordinarily thick, a brilliant orange and unexcelled for sweetness. Same size and shape as Hale's Best.

Postpaid (Pkt. 10c) (Oz. 25c) (1/4 lb. 90c) (lb. \$3.25).

QUEEN OF COLORADO

90 days. A development from Pride of Wisconsin. The melon is rather large with faint ribs and heavy, coarse net. The outside color is pearly grey turning golden when ripe. Flesh thick, deep orange in color. Excellent eating qualities. Good for home and local markets.

Postpaid (Pkt. 10c) (Oz. 25c) (1/4 lb. 75c) (lb. \$2.25).

ROCKY FORD

95 days. Also known at Netted Gem. Fruits oval, show no ribbing and are entirely covered with a uniform netting. Flesh green and of excellent flavor.

Postpaid (Pkt. 10c) (Oz. 25c) (1/4 lb. 75c) (lb. \$2.25).

BANANA

94 days. Resembles a banana in shape. Fruits smooth and slender, flesh pronounced salmon, of banana-like flavor.

Postpaid (Pkt. 10c) (Oz. 25c) (1/4 lb. 75c) (lb. \$2.25).

PRIDE OF WISCONSIN

90 days. A most attractive fruit both on outside and when cut. The rind is very hard, pearly grey color, with but a faint rib, heavily covered with a distinctive netting. Fruit practically round, pink fleshed, unusually thick with good flavor, small triangular seed cavity. Good for both home use and shipping.

Postpaid (Pkt. 10c) (Oz. 25c) (1/4 lb. 75c) (lb. \$2.25).

BENDER'S SURPRISE

87 days. A large size melon weighing 7 to 8 lbs. Round shaped, deeply ribbed with coarse netting. Flesh very thick and sweet. An excellent home garden and shipping variety, growing well in all sections.

Postpaid (Pkt. 10c) (Oz. 25c) (1/4 lb. 75c) (lb. \$2.25).

HEARTS OF GOLD

88 days. Grown extensively by market gardeners, likewise a good shipping type. Fruits practically round, slightly ribbed, covered with fine grey netting. Flesh very thick, deep pink salmon; tender, juicy and aromatic.

Postpaid (Pkt. 10c) (Oz. 25c) (1/4 lb. 75c) (lb. \$2.25).

EXTRA EARLY HACKENSACK

80 days. A well-known first early sort for home gardens and truckers for local markets. Fruits large, globular, flattened; heavily ribbed, with coarse netting. Flesh green, thick of good quality.

Postpaid (Pkt. 10c) (Oz. 25c) (1/4 lb. 75c) (lb. \$2.25).

OSAGE OR MILLER'S CREAM

92 days. Dark green skin sparsely netted and ribbed. Thick salmon flesh, fine grained and of rich spicy flavor. A home garden variety or for local markets.

Postpaid (Pkt. 10c) (Oz. 25c) (1/4 lb. 75c) (lb. \$2.25).

GREELEY WONDER

90 days. An early maturing melon for the home garden and nearby markets. Flesh is quite thick, fine grained, salmon colored and of fine quality. Melons are nearly round and have a heavy netting.

Crop Failed.

PERSIAN

115 days. While not properly a Casaba the Persian is of tropical origin. It is of dark color and completely covered with a fine netting. Fruits globular, weighing about 7 lbs.; the flesh is extremely thick, of excellent flavor and orange in color.

Postpaid (Pkt. 10c) (Oz. 25c) (1/4 lb. 75c) (lb. \$2.25).

HONEY DEW (Green Fleshed)

105 days. A medium sized round melon of a dull creamy white color, flesh green, quite distinct and very delicious flavor. The rind is tough without netting, and ships well to distant markets.

Postpaid (Pkt. 10c) (Oz. 25c) (1/4 lb. 75c) (lb. \$2.25).

HONEY DEW GREEN FLESHED

All hand-cut crown set seeds in 1-pound sealed bags.

Postpaid (\$2.50).

HONEY DEW (Pink Fleshed)

105 days. In outward appearance like the Honey Dew, but has salmon colored flesh and a delicious flavor.

Postpaid (Pkt. 10c) (Oz. 25c) (1/4 lb. 75c) (lb. \$2.25).

HONEY DEW GOLD RIND (Green Fleshed)

100 days. A true green flesh Honey Dew except when about two-thirds grown the outside coloring turns to an attractive golden shade. It withstands heat in that fruits do not show sunburn, because of the color. It has good flavor, a thick flesh and carries well in shipping.

Postpaid (Pkt. 10c) (Oz. 25c) (1/4 lb. 75c) (lb. \$2.25).

GOLDEN BEAUTY CASABA

115 days. One of the best of the autumn Casabas. Easily grown, very prolific. The fruits are easily handled, being firm and heavy; ripens early in September and fruits can be kept until into December.

Postpaid (Pkt. 10c) (Oz. 25c) (1/4 lb. 75c) (lb. \$2.25).

Watermelons

CULTURE

The same as for Muskmelons, except that they should be planted from 8 to 10 feet apart. One ounce for 30 hills and 3 to 4 pounds to the acre.

EARLY NORTHERN SWEET

65 days. This new melon is of Russian origin, introduced by the Minnesota Experiment Station. Especially adapted for the northern sections and high altitudes where the seasons are short. It is of an attractive green color striped with lighter green. Flesh is dark red and tender with a rich sugary flavor. Splendid for early market and home garden.

Postpaid (Pkt. 5c) (Oz. 15c) (1/4 lb. 50c) (lb. \$1.25).

EARLY ARIZONA

70 days. A new early prolific melon, of the Ice Box Type, producing fruit about the size of a bowling ball. Skin dark green, flesh brilliant red with large seeds, very sweet.

Postpaid (Pkt. 5c) (Oz. 15c) (1/4 lb. 50c) (lb. \$1.25).

WICHITA RED or EARLY KANSAS

82 days. One of the finest introductions in recent years; very popular in the Middle West. It is a melon of large size, alternate stripes of light and dark green, oblong in shape, with deep red flesh and brown seeds.

Postpaid (Pkt. 5c) (Oz. 15c) (1/4 lb. 50c) (lb. \$1.25).

DIXIE QUEEN

85 days. A very prolific, shipping type of mid-season maturity. Fruits oval-round, light green with dark green stripes; rind thin but tough. Flesh bright red, crisp, of splendid quality, quite free from fibre.

Postpaid (Pkt. 5c) (Oz. 15c) (1/4 lb. 50c) (lb. \$1.25).

COLE'S EARLY

75 days. One of the earliest and best of the early sorts; hardy, medium size, nearly round; rind dark green striped a lighter shade; flesh deep pink and excellent in quality.

Postpaid (Pkt. 5c) (Oz. 15c) (1/4 lb. 50c) (lb. \$1.25).

KLONDIKE

80 days. A melon of good quality. Exceptionally sweet and fine flavor. Flesh is deep red and brittle, fruit oblong. A very good yielder, fairly early, and has given satisfaction for the market and home garden.

Postpaid (Pkt. 5c) (Oz. 20c) (1/4 lb. 50c) (lb. \$1.50).

STRIPED KLONDIKE

80 days. An early garden and shipping variety similar to regular Klondike but with irregular dark green stripes. Fruits oblong, of medium size, rind medium hard. Flesh deepest red known to watermelon; sweet and crisp.

Postpaid (Pkt. 5c) (Oz. 20c) (1/4 lb. 50c) (lb. \$1.50).

KLONDIKE No. R7 (Wilt Resistant)

85 days. This is the first strain of the Klondike to be released showing a high resistance to wilt. This melon seems fully as desirable as the other Klondikes for both edible quality and shipping.

Postpaid (Pkt. 5c) (Oz. 20c) (1/4 lb. 50c) (lb. \$1.50).

IMP. KLECKLEY'S SWEETS or WONDERMELON

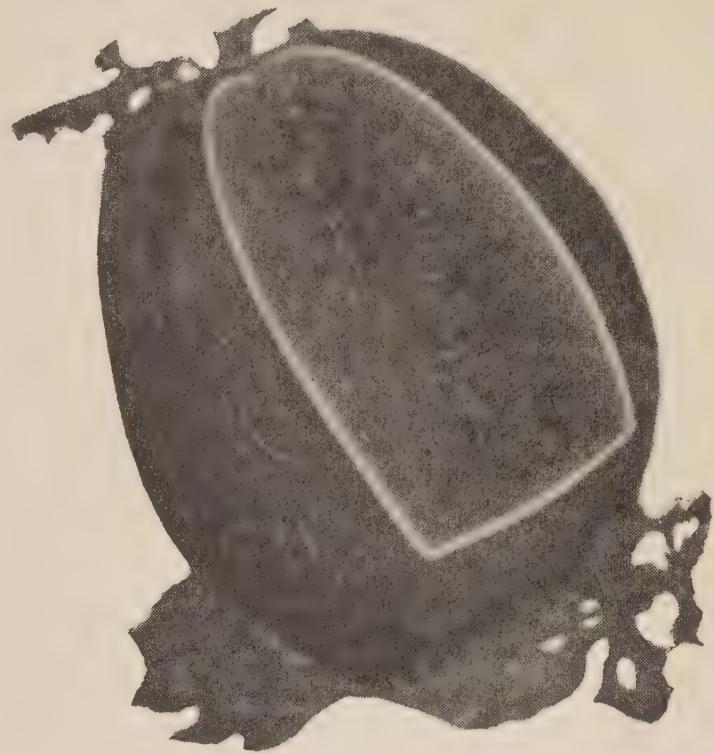
88 days. A large oblong melon with a thin dark rind and showing faint tracings or indentations running the length of the melon. Flesh deep scarlet-red; solid heart; is a favorite shipping melon.

Postpaid (Pkt. 5c) (Oz. 15c) (1/4 lb. 50c) (lb. \$1.25).

IMP. KLECKLEY'S No. 6 (Wilt Resistant)

88 days. A certified wilt resistant strain of the popular Imp. Kleckley's Sweet, developed in Iowa and grown under supervision of the Iowa State Agricultural College. Quality is superior to the regular strain of Kleckley's.

Postpaid (Pkt. 5c) (Oz. 15c) (1/4 lb. 50c) (lb. \$1.25).



OKLAHOMA CHIEF

88 days. A large, round melon with a black-green shiny glossy rind. The rind is very thin and tough so the melons can be hauled long distances without damage. The flesh is blood red tender and very sweet, melons average about 40 lbs. They are hardy and drought resistant.

Postpaid (Pkt. 5c) (Oz. 25c) (1/4 lb. 75c) (lb. \$2.50).

FLORIDA GIANT

90 days. Vines vigorous and very productive. Fruits dark green, nearly round. Flesh firm and red, of excellent quality. Ships well, though rather large for some markets; average weight about 40 lbs. Good all-purpose variety. Seed mottled dark brown.

Postpaid (Pkt. 5c) (Oz. 25c) (1/4 lb. 75c) (lb. \$2.50).

BLACK DIAMOND (Improved)

90 days. A selection out of Florida Giant, a large oblong melon, with dark green rind that is thin but tough, making it a desirable melon for shipping. Flesh bright red and of very sweet flavor, averaging weight about 50 lbs. Makes a vigorous vine growth, does not sunburn as easily as many varieties.

Postpaid (Pkt. 5c) (Oz. 25c) (1/4 lb. 75c) (lb. \$2.50).

ANGELINO

90 days. It is desirable for shipping. The fruits are medium sized, nearly round or slightly oblong. The skin is very deep green, indistinctly mottled and striped with a lighter shade. The flesh is decidedly bright vermillion-red, remarkably fine grained but firm, and very sweet.

Postpaid (Pkt. 5c) (Oz. 15c) (1/4 lb. 50c) (lb. \$1.25).

GEORGIA RATTLESNAKE

92 days. A long fairly large melon with light green color, irregularly mottled, with dark green stripes. The rind is quite thick, the flesh pink in color.

Postpaid (Pkt. 5c) (Oz. 15c) (1/4 lb. 50c) (lb. \$1.25).

IRISH GRAY

95 days. A large, long, main crop variety with a distinctive gray-green skin; shell very tough and hard, making a fine shipper; flesh very firm, crisp and sweet.

Postpaid (Pkt. 5c) (Oz. 15c) (1/4 lb. 50c) (lb. \$1.25).

Watermelons

TOM WATSON

95 days. Probably the best shipping melon and one of the best main crop sorts; grows to a very large size. Fruit large and long in shape, colored a medium green with a light tracing of a darker shade; flesh rich red and of good quality; seeds brown.

Postpaid (Pkt. 5c) (Oz. 15c) (1/4 lb. 50c) (1b. \$1.25).

GOLDEN HONEY

90 days. Fruits chunky, nearly round, medium sized light green with mottled darker green stripes; rind brittle. Flesh amber-yellow, crisp and delicious, free from stringy sections.

Postpaid (Pkt. 5c) (Oz. 15c) (1/4 lb. 50c) (1b. \$1.25).

KING AND QUEEN (Winter Watermelon)

100 days. A Russian variety of fair size, round in shape; rind light cream with faint, irregular light green striping; early, prolific and excellent in quality; seeds small, black.

Postpaid (Pkt. 5c) (Oz. 20c) (1/4 lb. 50c) (1b. \$1.50).

EARLY VARIETIES MIXED COLLECTION

65 days. Includes seed of the following varieties: Favorite Honey, Sweet Sensation, Honey Cream, Yamato, Early Arizona, Early Canada, Northern Sweet, Dakota Sweet. These are all good melons and very interesting to plant.

Postpaid (Pkt. 5c) (Oz. 15c) (1/4 lb. 50c) (1b. \$1.25).

CITRON (Green Seeded)

95 days. Used only for preserving; extremely productive. Flesh white and solid.

Postpaid (Pkt. 5c) (Oz. 10c) (1/4 lb. 35c) (1b. \$1.10).

CITRON (Red Seeded)

95 days. Practically identical with Green Seeded Citron, except slightly smaller and with bright red seed.

Postpaid (Pkt. 5c) (Oz. 10c) (1/4 lb. 35c) (1b. \$1.10).

Mustard

CULTURE

One ounce of seed will sow 100 feet of drill.

FORDHOOK FANCY

A handsome, vigorous growing, mild variety, standing a long time before going to seed; leaves bright green, intensely curled and fringed on the edges; fine for salads and garnishings; seed reddish-brown.

Postpaid (Pkt. 5c) (Oz. 10c) (1/4 lb. 35c) (1b. \$1.00).

SOUTHERN GIANT CURLED (Long-Standing)

This strain of Southern Giant Curled Mustard is much superior to the old type, as it will stand a considerable time longer before going to seed.

Postpaid (Pkt. 5c) (Oz. 10c) (1/4 lb. 35c) (1b. \$1.00).

FLORIDA BROAD LEAF

33 days. Vigorous, large leaf variety that grows fast but stands longer than most varieties before bolting to seeds. The leaves are large, yellowish-green in color; nearly smooth without fringing. The mid-rib is a lighter shade of green.

Postpaid (Pkt. 5c) (Oz. 10c) (1/4 lb. 35c) (1b. \$1.00).

WHITE ENGLISH

Plant of rapid, upright growth, soon going to seed; leaves rather small and smooth, deeply cut or divided; color deep green, seed large, light yellow.

Postpaid (Pkt. 5c) (Oz. 10c) (1/4 lb. 35c) (1b. \$1.00).

MUSTARD SPINACH

TENDERGREEN

28 days. A very pleasingly flavored green. Leaves oblong, thick, fairly smooth dark green with lighter green ribs, resistant to heat and drought; combines the flavor of both Mustard and Spinach.

Postpaid (Pkt. 5c) (Oz. 10c) (1/4 lb. 35c) (1b. \$1.25).

Mushroom Spawn

Cultural instructions for growing mushrooms given free to every purchaser of spawn.

LAMBERT'S PURE CULTURE

This spawn is specially prepared for us and produces results where the average spawn proves a failure. It is a strong strain of spawn thoroughly acclimated and selected with reference to earliness, size, flavor, appearance prolificacy and quality of the mushrooms that it will produce. We highly recommend this spawn for those who intend to raise mushrooms for the market.

Bricks 40 cents each (5 bricks \$1.75) Postpaid

Onions

CULTURE

One ounce of seed is sufficient for 100 feet of drill, 4 pounds for one acre. Onion seed should be sown as early in the spring as possible to get the ground in shape, even though the weather is cold. Thorough preparation of the soil is one of the most essential points in successful onion growing. They delight in a rich, deep sandy loam, but excellent yields can be obtained from heavier soils properly fertilized. Sow the seed in rows 12 to 14 inches apart and about $\frac{1}{2}$ inch deep. After they are well started, or about 3 to 4 inches high, thin out to stand about 2 inches apart, keeping them well hoed and free from weeds at all times throughout the season.

Yellow Varieties

SWEET SPANISH OR VALENCIA

(Riverside Strain)

Sweet Spanish is a sweet and mild onion which grows to an exceptionally large size, often weighing from $1\frac{1}{2}$ to $2\frac{1}{2}$ pounds. The true type is of globe shape with a rich yellow shading to bronze color. It is a good keeper when properly stored. It is very resistant to thrip and plant lice.

Postpaid (Pkt. 10c) (Oz. 40c) (1/4 lb. \$1.25) (1b. \$4.50).



YELLOW SWEET SPANISH

No. 6 (Special Strain)

Developed by Prof. A. M. Binkley of the Colorado Experiment Station. Bulbs large, perfect globe shape, small neck curves down excellently, with heavy protecting deep yellowish-brown skin. Flesh white; fine grained; mild, pleasing flavor.

Postpaid (Pkt. 10c) (Oz. 75c) (1/4 lb. \$2.50) (1b. \$7.50).

Onions

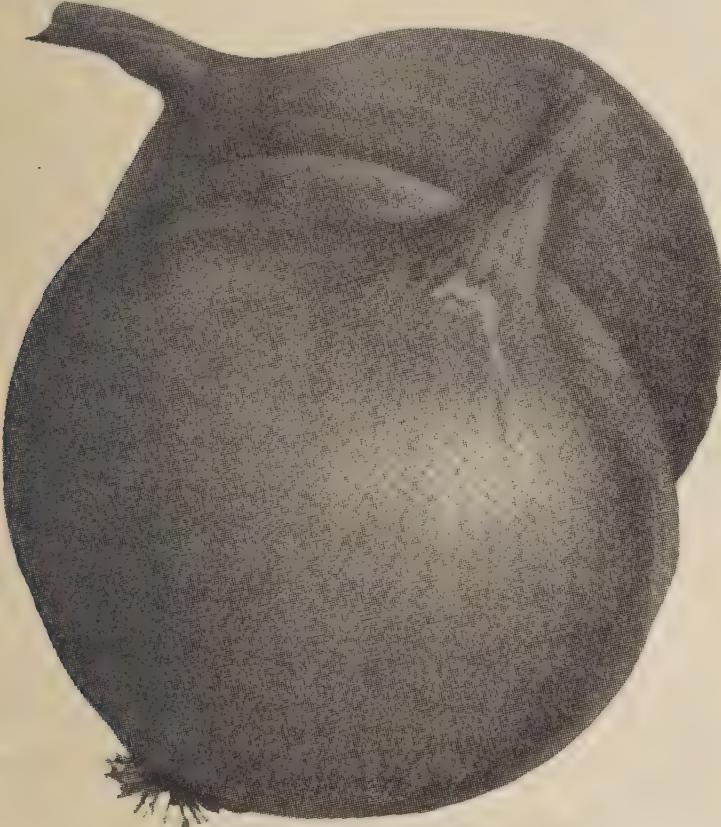
YELLOW SWEET SPANISH (State Certified)
A superior strain of this popular variety. Bred for its deep yellow color, uniformity of shape, trueness of type and fine keeping quality.

Postpaid (Oz. 75c) (1/4 lb. \$2.50) (1 lb. \$8.00).

EARLY BABOSA OR GRANO

An early relatively non-bolting variety, bulbs top-shaped, medium large with straw-colored skin, flesh white, mild and of excellent flavor. Highly desirable for early market.

Postpaid (Pkt. 10c) (Oz. 50c) (1/4 lb. \$2.00) (1b. \$6.50).



YELLOW GLOBE DANVERS

One of the best and most extensively grown yellow onions. Bulbs are uniformly globe-shaped, small neck and enormous yielder, and fine keeper.

Postpaid (Pkt. 10c) (Oz. 40c) (1/4 lb. \$1.00) (1b. \$3.50).

EBENEZER or JAPANESE

An excellent variety for producing sets of exceptional keeping quality. Bulbs deep-flat, of medium size; dark yellow, very firm, with thick skin.

Postpaid (Pkt. 10c) (Oz. 40c) (1/4 lb. \$1.00) (1b. \$3.50).

YELLOW BERMUDA

Also called White Bermuda. Skin very pale straw color, very early, medium size.

Postpaid (Pkt. 10c) (Oz. 40c) (1/4 lb. \$1.00) (1b. \$3.50).

MOUNTAIN DANVERS

This variety is semi-round. It is one of the very earliest and seems to ripen practically all the crop at once. Color is a beautiful dark yellow, shading to brown. The skin is thick and heavy, which makes it a good keeping and shipping sort.

Postpaid (Pkt. 10c) (Oz. 40c) (1/4 lb. \$1.00) (1b. \$3.50).

White Varieties

CRYSTAL WHITE WAX (Bermuda)

Waxy-white, very flat, medium early Bermuda type with mild flavor.

Postpaid (Pkt. 10c) (Oz. 40c) (1/4 lb. \$1.25) (1b. \$4.00).

WHITE SWEET SPANISH

The pure white flesh of this onion is fine-grained and exceptionally sweet. It is a splendid sort to use in salads or other ways without cooking. A very good keeper for so early and large variety, and is excellent for either the home or market garden.

Postpaid (Pkt. 10c) (Oz. 50c) (1/4 lb. \$1.50) (1b. \$5.50).

WHITE SWEET SPANISH (Special Utah Strain)
Similar to the famous White Sweet Spanish in flavor, uniformity and mildness, but produces a larger onion and greater yield per acre than regular strain.

(Pkt. 10c) (Oz. 60c) (1/4 lb. \$2.00) (1b. \$6.50).

WHITE BABOSA OR GRANO

The White Grano is just becoming known, developed by the New Mexico Experiment Station for an early shipping sort to fulfill the demand for a more productive, better shipping and keeping sort to replace Crystal Wax, bulbs are top shaped, white skinned, mild and sweetly flavored firm flesh, bulbs will grow to large size like Yellow Grano.

Postpaid (Pkt. 10c) (Oz. 60c) (1/4 lb. \$2.00) (1b. \$6.50).

WHITE BABOSA OR GRANO (Special Strain)

Bulbs medium large, mild and of excellent flavor. The skin color is a clear attractive Silverskin white, highly desirable for early markets, excellent keeper.

Postpaid (Oz. 75c) (1/4 lb. \$2.50) (1b. \$8.00).

MAMMOTH SILVER KING

Very large white, flat onion, used principally for bunching while green. Seed sown in the spring will make boiling onions in July and August.

Postpaid (Pkt. 10c) (Oz. 50c) (1/4 lb. \$1.50) (1b. \$5.00).

SOUTHPORT WHITE GLOBE

Beautiful silvery white, perfectly globe shaped, uniform in size. Flesh firm, fine-grained, solid and of pleasant flavor. Very small neck.

Postpaid (Pkt. 10c) (Oz. 50c) (1/4 lb. \$1.50) (1b. \$5.00).

WHITE PORTUGAL or SILVERSKIN

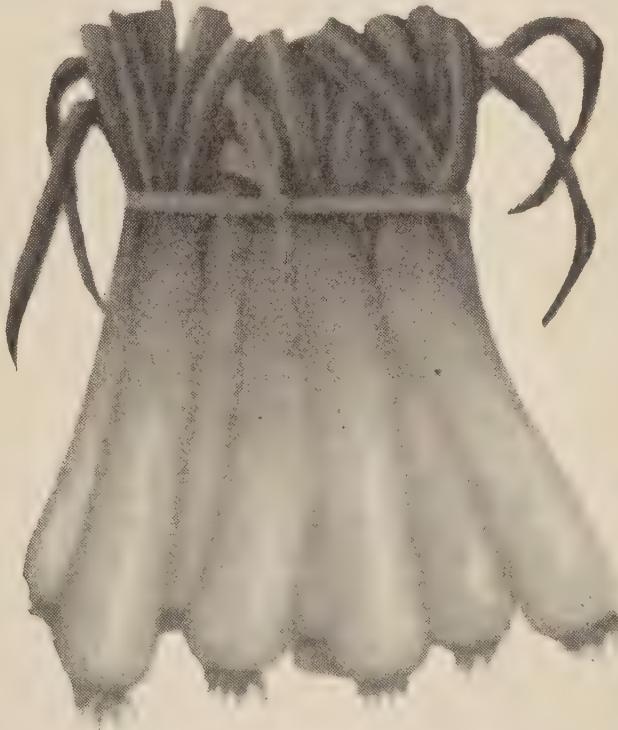
A fine silvery-white flattened bulb that keeps well; useful for pickling, bunching, and the standard for white sets. Medium sized, with mild flavor, and earlier than Southport White Globe.

Postpaid (Pkt. 10c) (Oz. 50c) (1/4 lb. \$1.50) (1b. \$5.00).

WHITE LISBON

Grown exclusively as an early bunching onion, stems white.

Postpaid (Pkt. 10c) (Oz. 40c) (1/4 lb. \$1.25) (1b. \$4.00).



WHITE BARLETTA (Pickling)

The best small white onion for pickling. Our seed is the real Barletta onion, producing very small round, white onions that mature early. Sow at the rate of 40 pounds per acre.

Postpaid (Pkt. 10c) (Oz. 40c) (1/4 lb. \$1.25) (1b. \$4.00).

WHITE BUNCHING

Crisp, white, mild bunching onion, suitable for spring planting.

Postpaid (Pkt. 10c) (Oz. 40c) (1/4 lb. \$1.25) (1b. \$4.00).

Onion Sets

CULTURE

One quart will plant 20 feet of row; 12 to 15 bushels an acre. Soil requirements the same as for onion seed. Place the onion sets 3 to 4 inches apart, according to size, 3 inches deep, in rows 1 foot apart. Furrow out the soil with a hoe, set the onions in this furrow right side up, and cover with a garden rake.

Bottom Sets

White—Yellow

By Parcel Post, Postpaid

	Qt.	3 Qts.
Yellow Bottom Sets.....	\$0.35	\$1.00
White Bottom Sets.....	.40	1.10
Red Bottom Sets.....	.35	1.00

Okra or Gumbo

CULTURE

One ounce of seed will sow 40 feet of drill. Very wholesome. The pods, when young, make fine soup and are also used in mixed vegetable soups. Plant seed after the ground is warm and dry, in drills 3 feet apart, thinning the young plants to 1 foot apart. Make early and late sowing to secure a supply throughout the season. Easy to grow in any good garden soil. Popular in the South.

DWARF GREEN LONG-POD

An early, dwarf growing, sturdy variety producing an abundance of long, fluted, dark green 8-inch pointed pods. One of the best for canning.

WHITE VELVET

Plants 3½ feet high. Pods creamy white, 7 inches long, slightly curved and pointed, smooth and tender, early and productive.

CLEMSON SPINELESS

All American Silver Medal for 1939. A very uniform spineless strain of the Perkins long-podded type. Plant has less foliage than Perkins; pods rich green, 7 inches long, straight, ridged. A valuable introduction for commercial or garden crops.

Prices on above varieties:

Postpaid (Pkt. 5c) (Oz. 10c) (¼ lb. 35c) (lb. \$1.00).

Parsley

One ounce of seed will plant 150 feet of drill; 3 pounds an acre.

EVERGREEN

Dark green very finely curled leaves, of upright growth with stout stems. Good for home garden as well as for market gardeners and forcing.

PARAMOUNT

Very uniform plants with stout stems for bunching, a vigorous grower developing to 12 inches tall and a width of 20 inches; shows resistance to tip burning and is of exceptionally dark rich green color.

PERFECTION

An excellent vigorous parsley with finely curled leaves. The color is deep emerald green and most attractive. Rapid grower with upright plants.

PLAIN or ITALIAN

The leaves of this variety are flat, deeply cut but not curled. Very desirable for flavoring.

Above Prices Postpaid: (Pkt. 5c) (Oz. 15c) (¼ lb. 50c) (lb. \$1.50).

Parsnips



One ounce of seed will plant 200 feet of drill; 3 pounds to the acre.

IDEAL OR MODEL

The roots are of medium length, very smooth, pure white without small roots or prongs. Very attractive for the home garden and more salable in the market. Of excellent quality.

Postpaid (Pkt. 10c) (Oz. 15c) (¼ lb. 40c) (lb. \$1.25).

GUERNSEY HOLLOW CROWN

Roots half long, smooth, thick-shouldered, of sugary flavor. One of the best.

Postpaid (Pkt. 10c) (Oz. 15c) (¼ lb. 40c) (lb. \$1.25).

ALL AMERICAN

A new and very good variety. The roots are large and broad-shouldered, of medium length, fine texture, white color with small core, free from side roots.

Postpaid (Pkt. 10c) (Oz. 20c) (¼ lb. 50c) (lb. \$1.50).

Peanuts

Peanuts can be successfully grown in the North on warm, sandy soil in a sheltered place with a southern exposure.

Plant the same as corn in rows 2½ feet apart. Drop the shelled nuts 8 to 10 inches apart, cover 1 inch deep. When the plants are nearly full grown, throw earth up to them. This will cause the nuts to form.

IMPROVED LARGE VIRGINIA (Jumbo)

It has the largest pods and more kernal, with fewer imperfect pods.

Postpaid (lb. 60c).

TENNESSEE REDS

The earliest variety grown. Pods are small, well filled and of fine quality.

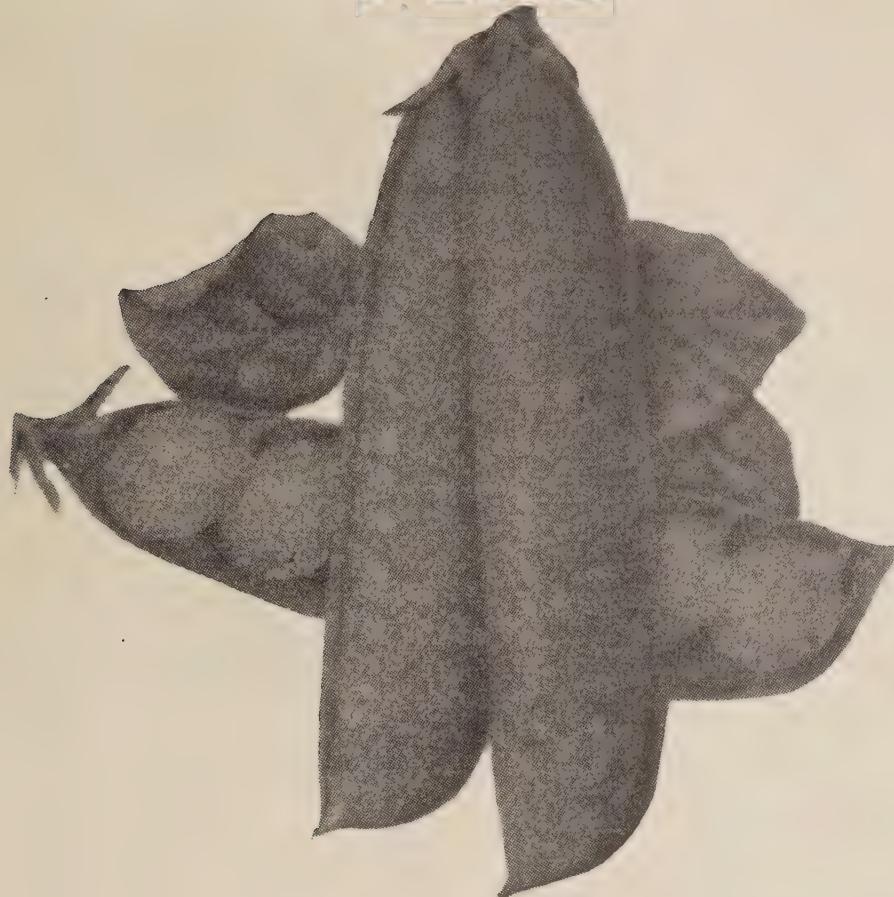
Postpaid (lb. 60c).

WHITE SPANISH

Small podded early variety.

Postpaid (lb. 60c).

PEAS



CULTURE

One pound will plant 50 feet of drill; 90 to 120 pounds for an acre. Peas do best in a light, rich loamy soil that has been liberally manured the previous season. Plant the smooth varieties as early as the ground can be worked. The wrinkled peas are not so hardy as the smooth kind, and should be planted later; they are, however, sweeter and better flavored. For a succession, plant every two weeks—until June 1st, then discontinue until August 1st, when the extra early varieties may be planted for a fall crop. When grown for market, peas are rarely staked; in small gardens grow in double rows, 12 inches apart, and stake with brush. They should be kept clean and the earth worked toward them two or three times during growth.

ALASKA

60 days. The earliest of all smooth blue peas. Pods 3 inches in length. Vines 30 inches tall; very uniform in maturing the crop. Seeds small, round, smooth, bluish-green. Used for canning and early market.

Postpaid (Pkt. 5c) (1/4 lb. 20c) (1b. 40c) (5 lbs. \$1.75) (10 lbs. \$3.00).

Not Postpaid (10 lbs. \$2.25) (25 lbs. \$4.50) (100 lbs. \$16.00).

AMERICAN WONDER

61 days. Very dwarf; 15 inches high. Used for the home garden; sweet and productive.

Postpaid (Pkt. 5c) (1/4 lb. 20c) (1b. 45c) (5 lbs. \$2.00) (10 lbs. \$3.50).

Not Postpaid (10 lbs. \$2.75) (25 lbs. \$5.50) (100 lbs. \$20.00).

PREMIUM GEM, LITTLE GEM and NOTT'S EXCELSIOR

Are same type peas as American Wonder, except a little taller vine, and will be supplied at the same price.

LITTLE MARVEL

62 days. This pea has been rightly named. It is an early wrinkled sort, grows about 12 to 15 inches tall, and bears heavily. There is no earlier wrinkled pea and the quality satisfies everybody. Adapted to home gardens. Pods dark green, 3 inches long, round with square ends, and often contains seven rich, dark green peas.

Postpaid (Pkt. 5c) (1/4 lb. 20c) (1b. 45c) (5 lbs. \$2.00) (10 lbs. \$3.50).

Not Postpaid (10 lbs. \$2.75) (25 lbs. \$5.50) (100 lbs. \$20.00).

THOMAS LAXTON

62 days. Excellent for home and market gardens and for shipping, canning, and freezing. Plants deep green and medium heavy. Pods, single rich deep green, plump, broad, blunt; contain 7-8 large, tender peas of splendid quality.

Postpaid (Pkt. 5c) (1/4 lb. 20c) (1b. 45c) (5 lbs. \$2.00) (10 lbs. \$3.50).

Not Postpaid (10 lbs. \$2.75) (25 lbs. \$5.50) (100 lbs. \$20.00).

LAXTON'S PROGRESS

62 days. The largest podded and most attractive of the Laxtonian family. Popular for shipping to distant markets, also for home and market garden planting. Vines medium dark green. Pods single, $\frac{1}{8}$ inch wide, dark green, somewhat curved, pointed, handsome; contain 7 to 9 large peas of good quality. Seeds large, cream and green wrinkled. Our strain of this important variety is noted for its solid deep green color.

Postpaid (Pkt. 5c) (1/4 lb. 20c) (1b. 45c) (5 lbs. \$2.00) (10 lbs. \$3.50).

Not Postpaid (10 lbs. \$2.75) (25 lbs. \$5.50) (100 lbs. \$20.00).

LAXTONIAN, BLUE BANTAM and HUNDREDFOLD

Are similar to Laxton's Progress, and can be supplied at the same price.

ROGER'S GIANT PODDED HAMPER

65 days. A giant podded early variety, vines 22 inches tall, dark and heavy. Pods are $4\frac{1}{2}$ to 5 inches long, dark green and pointed.

Postpaid (Pkt. 5c) (1/4 lb. 20c) (1b. 50c) (5 lbs. \$2.25) (10 lbs. \$3.75).

Not Postpaid (10 lbs. \$3.00) (25 lbs. \$7.00) (100 lbs. \$25.00).

ROGERS DWARF MARKET

72 days. Vines are about 28 inches high. Pods are dark green, pointed and 4 to $4\frac{1}{2}$ inches long. They contain 7 to 9 peas of finest quality. A popular home and market garden variety.

Postpaid (Pkt. 5c) (1/4 lb. 20c) (1b. 50c) (5 lbs. \$2.25) (10 lbs. \$3.75).

Not Postpaid (10 lbs. \$3.00) (25 lbs. \$6.25) (100 lbs. \$22.00).

ROGERS No. 95 OR ICER

80 days. Vine 20 inches high, coarse and dark green. Length of pod $4\frac{1}{2}$ to 5 inches, dark green and pointed. Excellent for shipping.

Postpaid (Pkt. 5c) (1/4 lb. 20c) (1b. 50c) (5 lbs. \$2.25) (10 lbs. \$3.75).

Not Postpaid (10 lbs. \$3.00) (25 lbs. \$6.25) (100 lbs. \$22.00).

Peas

TALL TELEPHONE (Dark Podded)

74 days. Identical with Alderman; excellent for home and market garden, and for shipping. Vines dark green, coarse. Pods single, broad, plump, dark green, pointed, straight. Seeds large, wrinkled, light green. A standard mid-season variety of high quality.

Postpaid (Pkt. 5c) (1/4 lb. 20c) (1b. 45c) (5 lbs. \$2.00) (10 lbs. \$3.50).

Not Postpaid (10 lbs. \$2.75) (25 lbs. \$5.50) (100 lbs. \$20.00).

ROGERS DWARF ALDERMAN

72 days. Developed by Rogers Bros. Seed Co., and is one of the outstanding varieties for shipping and market gardeners. Vine 20 inches, bearing an abundance of heavy dark green vines. Pod 4 1/2 inches, dark green and pointed.

Postpaid (Pkt. 5c) (1/4 lb. 20c) (1b. 50c) (5 lbs. \$2.25) (10 lbs. \$3.75).

Not Postpaid (10 lbs. \$3.00) (25 lbs. \$6.25) (100 lbs. \$22.00).

ASGROW No. 40

75 days. Resembles Strategem but 4 to 5 days earlier; unequaled in pod size and exceptional in quality, resistant to Fusarium wilt. Bred particularly for shippers and market gardeners. Vines dark green, stocky and branching. Pods single and double, round, dark green, plump, pointed, curved at tip; contain 8 to 10 large, succulent peas. Seeds large, wrinkled, green.

Postpaid (Pkt. 5c) (1/4 lb. 20c) (1b. 50c) (5 lbs. \$2.25) (10 lbs. \$3.75).

Not Postpaid (10 lbs. \$3.00) (25 lbs. \$6.25) (100 lbs. \$22.00).

DWARF TELEPHONE

75 days. A late, large podded, highly productive sort, for home garden and truckers, and for shipping. Resistant to Fusarium wilt. Vines light green, stocky and branching. Pods single and double, medium light green, lightly curved, broad, pointed and attractive; contains 8 to 10 peas of excellent quality. Seeds large, wrinkled, green, with bluish cast.

Postpaid (Pkt. 5c) (1/4 lb. 20c) (1b. 50c) (5 lbs. \$2.00) (10 lbs. \$3.50).

Not Postpaid (10 lbs. \$2.75) (25 lbs. \$5.50) (100 lbs. \$20.00).

ALDERMAN

74 days. A handsome large podded variety of the Telephone family. Excellent for home garden, for truckers, and for shipping to distant markets; resistant to Fusarium wilt. Vines dark green, coarse. Pods single, very broad, plump, straight, dark green, pointed; contain 8 to 10 peas of highest quality. Seed large, wrinkled, light green. This variety can well be considered the standard of high quality.

Postpaid (Pkt. 5c) (1/4 lb. 20c) (1b. 45c) (5 lbs. \$2.00) (10 lbs. \$3.50).

Not Postpaid (10 lbs. \$2.75) (25 lbs. \$5.50) (100 lbs. \$20.00).

EVERBEARING

76 days. A long bearing variety for the home and market garden; resistant to Fusarium wilt. Vines dark green, thick, coarse and branching. Pods double, light green, plump, blunt, straight; contain 4 to 5 large peas of sweet marrowy flavor. Seeds very large, light green, flat, wrinkled.

Postpaid (Pkt. 5c) (1/4 lb. 20c) (1b. 45c) (5 lbs. \$2.00) (10 lbs. \$3.50).

Not Postpaid (10 lbs. \$2.75) (25 lbs. \$5.50) (100 lbs. \$20.00).

DWARF GRAY SUGAR (Edible Pod)

68 days. A prolific edible podded variety for home garden; resistant to Fusarium wilt. Vines slender and wiry, with purple blossoms. Pods double, light green, heavily curved, semi-pointed, strongly indented between the peas. Seeds small, mottled, gray, round.

Postpaid (Pkt. 5c) (1/4 lb. 20c) (1b. 45c) (5 lbs. \$2.00).

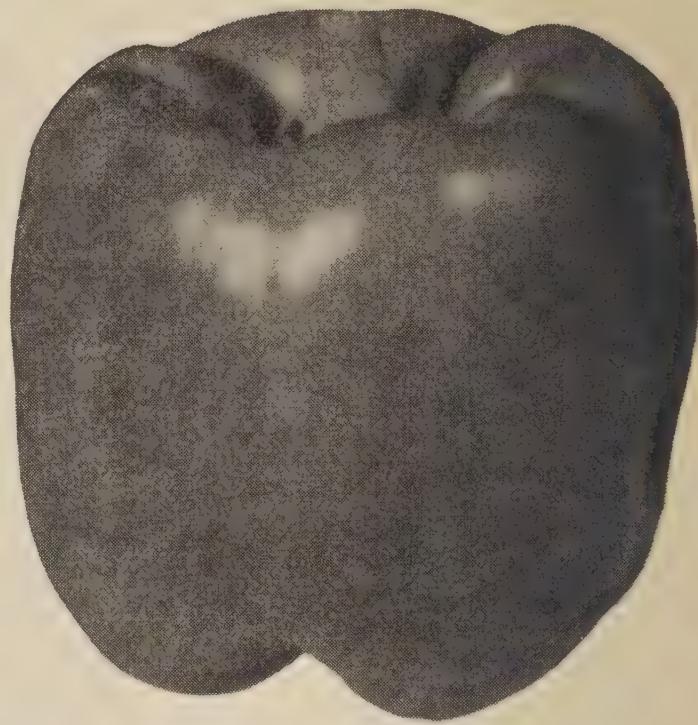
Not Postpaid (10 lbs. \$2.50) (25 lbs. \$5.00).

GIANT LUSCIOUS SUGAR

74 days. A tall growing edible podded variety for home and market garden. It is used in the same way as snap beans; resistant to Fusarium wilt. Pods 5 inches, broad blunt. Seed large, smooth, gray.

Postpaid (Pkt. 5c) (1/4 lb. 20c) (1b. 45c) (5 lbs. \$2.00).

Peppers



CULTURE

One ounce of seed should produce 1,000 to 1,500 plants. A warm, moist soil is best suited for peppers. For early green peppers sow seed in hotbeds in January, February or March, according to locality and climate. Transplant to the field as soon as weather and soil in your locality will permit, and when danger of frost has passed. Pepper Seeds are slow and hard to germinate, therefore those sown early will require a good hotbed with plenty of heat. Otherwise the seed will rot before they sprout. Pepper plants are very tender and easily killed by frost.

OAKVIEW WONDER

65 days. Developed from California Wonder, but is at least a week earlier. It has slightly smaller but blockier and more symmetrical fruits and lacks the deep depression and curling at the nose which characterize most peppers. Has thick walls and high quality of California Wonder, and its exceptional uniformity, earliness and high yield have already made it a favorite among market growers and truckers.

Postpaid (Pkt. 15c) (Oz. 75c) (1/4 lb. \$2.50) (1b. \$7.50).

ASGROW KING

68 days. An early pedigreed variety, bred for size and uniformity; resembles Ruby King. Fruits are exceptional in breadth at the base, and in length; 3-lobed, tapered, smooth, dark green, turning to deep red at maturity. Flesh thick, sweet and mild. Desirable for early market.

Postpaid (Pkt. 10c) (Oz. 60c) (1/4 lb. \$2.00) (1b. \$6.00).

KING OF THE NORTH

65 days. A late introduction, and a winter, similar in type to Ruby King, but decidedly earlier. The plant is of medium size and prolific. The fruit is long, moderately slender, tapering to three or four points.

Postpaid (Pkt. 10c) (Oz. 60c) (1/4 lb. \$2.00) (1b. \$6.00).

CALIFORNIA WONDER

75 days. An outstanding medium late variety for market garden and shipping. Plants vigorous, upright, prolific. Fruits 4-lobed, chunky; very attractive, smooth, uniform and deep green, changing to bright crimson; flesh thicker than any other variety; sweet and mild.

Postpaid (Pkt. 10c) (Oz. 60c) (1/4 lb. \$2.00) (1b. \$6.00).

HARRIS' EARLY GIANT

63 days. An excellent first early sweet variety for home and market garden use. Plants dwarf, upright, very productive. Fruits gently tapered, 3-lobed, of mild flavor, deep green changing to bright red.

Postpaid (Pkt. 10c) (Oz. 60c) (1/4 lb. \$2.00) (1b. \$6.00).

Peppers (Continued)

CALIFORNIA WONDER (Special)

75 days. This variety averaging 4 inches in length to 3½ inches in diameter with but a slight taper, which makes them almost square. The walls are ¼ to ⅓ on an inch in thickness. It is an excellent shipping sort and because of the uniformity of shape they pack well. The skin is a deep rich green, smooth, and glossy. The ideal pepper for home and market.

Postpaid (Pkt. 15c) (Oz. 75c) (1/4 lb. \$2.50) (1b. \$7.50).

LARGE BELL or BULL NOSE

60 days. A popular, early, sweet, prolific sort, with small, erect plants. Fruits blunt, deep green, changing to scarlet red; mild in flavor.

Postpaid (Pkt. 10c) (Oz. 60c) (1/4 lb. \$2.00) (1b. \$6.00).

PIMENTO

73 days. Pre-eminently a canning variety; good also for home and market garden planting. Plants large, erect, prolific. Fruits heart-shaped, very smooth; color dark green, changing to bright crimson; flesh exceptionally thick, sweet and mild.

Postpaid (Pkt. 10c) (Oz. 60c) (1/4 lb. \$1.50) (1b. \$5.50).

PAPRIKA

70 days. A new item in the U. S. A. Plant of medium size, very prolific. Fruits 4½ inches long and 1½ inches wide at stem end, tapered, deep red at maturity, flavor sweet with pungency in ribs and seeds.

Postpaid (Pkt. 10c) (Oz. 75c) (1/4 lb. \$2.50) (1b. \$7.50).

WORLD BEATER

75 days. The most prolific large pepper. Fruit 4-lobed and very large. Flesh thick, mild and sweet. Pepper tapering and of a bright ruby color when ripe and very attractive.

Postpaid (Pkt. 10c) (Oz. 75c) (1/4 lb. \$2.00) (1b. \$6.00).

WORLD BEATER (Wilt Resistant Strain)

75 days. A new development in Peppers, a wilt resistant strain of the regular World Beater, produces the same fine quality fruit and just as prolific.

Postpaid (Pkt. 10c) (Oz. 75c) (1/4 lb. \$2.00) (1b. \$6.00).

Hot Varieties

ANAHEIM CHILI

80 days. A hot, late variety; used for home and market garden, and for canning and drying. Fruits tapering, deep green, changing to bright scarlet at maturity.

Postpaid (Pkt. 10c) (Oz. 75c) (1/4 lb. \$2.00) (1b. \$6.00).

COLLEGE No. 9

80 days. A hot variety developed by the New Mexico Experiment Station. Very similar to anaheim but pods are smaller and more slender. Fruits dark red when mature, excellent for drying.

Postpaid (Pkt. 10c) (Oz. 60c) (1/4 lb. \$1.25) (1b. \$4.50).

HUNGARIAN YELLOW WAX

65 days. Long, waxy-yellow, changing to crimson. Pointed and tapering. Plants dwarf and prolific.

Postpaid (Pkt. 10c) (Oz. 75c) (1/4 lb. \$2.00) (1b. \$6.50).

IMPROVED THICK LONG RED

70 days. Bright red pods about 4 inches long; thicker than the ordinary Red Cayenne. Flesh thick and very hot. Very prolific and quite early.

Postpaid (Pkt. 10c) (Oz. 75c) (1/4 lb. \$2.00) (1b. \$6.50).

LONG RED CAYENNE

70 days. A red, hot variety. Fruits tapering, frequently twisted; very pungent; deep green changing to brilliant red.

Postpaid (Pkt. 10c) (Oz. 75c) (1/4 lb. \$2.00) (1b. \$6.50).

MEXICAN CHILI

70 days. A large, hot pepper used in making tamales and pungent sauces. Color is glossy green turning to red when ripe.

Postpaid (Pkt. 10c) (Oz. 75c) (1/4 lb. \$2.00) (1b. \$6.50).

RED CHERRY

82 days. Plants vigorous, upright, prolific. Fruits erect, conical, extremely pungent. Color yellowish green, changing to deep red.

Postpaid (Pkt. 10c) (Oz. 75c) (1/4 lb. \$2.00) (1b. \$6.50).

RED CHILI

82 days. Small, pointed, yellowish-green changing to deep red.

Postpaid (Pkt. 10c) (Oz. 75c) (1/4 lb. \$2.00) (1b. \$6.50).

Pumpkin

CULTURE

One ounce of seed will plant twenty hills; three pounds an acre. Pumpkins are very similar in culture to the squashes and other vine crops, except that they are not so particular as to soil and cultivation. In the latitude of Denver they may be planted during May, in the garden or in the corn field 6 to 8 feet each way.

DICKINSON

A large extraordinary thick fleshed sweet, deep golden yellow pumpkin, excellent for canning without addition of sugar, smooth texture, also good for stock feeding as it has a high protein content.

Postpaid (Pkt. 5c) (Oz. 15c) (1/4 lb. 50c) (1b. \$1.50).

SMALL SUGAR OR PIE

It is small, has deep orange skin, fine-grained flesh, is an excellent keeper and very prolific.

Postpaid (Pkt. 5c) (Oz. 15c) (1/4 lb. 50c) (1b. \$1.50).

GREEN STRIPED CUSHAW

18 inches to 2 feet long and 12 inches in diameter; green striped with crooked neck. Flesh thick, yellow, coarse but sweet.

Postpaid (Pkt. 5c) (Oz. 15c) (1/4 lb. 50c) (1b. \$1.50).

JAPANESE PIE

The flesh is thick, of a rich salmon color, fine-grained, dry and sweet. Seed cavity very small. Very early, productive and highly esteemed for pies or cooking.

Postpaid (Pkt. 5c) (Oz. 15c) (1/4 lb. 50c) (1b. \$1.50).

KING OF THE MAMMOTH OR POTIRON

The largest of all pumpkins, often 2 feet or more in diameter, and sometimes weighing over 100 pounds. The skin is sallow-yellow; the flesh thick and of a bright yellow; often used for pies, but grown principally for stock-feeding.

Postpaid (Pkt. 5c) (Oz. 15c) (1/4 lb. 50c) (1b. \$1.75).

LARGE CHEESE OR KENTUCKY FIELD

Large, round, somewhat flattened. A fine keeper. Flesh yellow, very thick and of excellent quality. Fine for family or market use; also grown for stock feeding.

Postpaid (Pkt. 5c) (Oz. 15c) (1/4 lb. 50c) (1b. \$1.50).

CONNECTICUT FIELD

A large, round or slightly oval pumpkin. Skin reddish-orange color, with rich orange-yellow flesh. Grown extensively for stock feeding; also good for pies. Generally planted with corn.

Postpaid (Pkt. 5c) (Oz. 15c) (1/4 lb. 50c) (1b. \$1.50).

TENNESSEE SWEET POTATO

Recommended for pies and custards. Pear-shaped, slightly ribbed creamy white, fine-grained, dry and with flavor resembling a sweet potato.

Postpaid (Pkt. 5c) (Oz. 15c) (1/4 lb. 50c) (1b. \$1.50).

Radish



One ounce of seed will sow 100 feet of drill; 8 to 10 pounds will plant an acre.

EARLY SCARLET GLOBE

24 days. A very popular variety; is outstandingly good, and well adapted to both field culture and greenhouse forcing. Roots globular, very slightly elongated, with medium top; bright scarlet, crisp, tender and of fine quality.

Postpaid (Pkt. 5c) (Oz. 10c) (1/4 lb. 30c) (1b. 90c) (5 lbs. \$4.00).

SPECIAL FORCING SCARLET GLOBE

Our special strain of short-topped Scarlet Globe bred especially for greenhouse work.

Postpaid (Oz. 15c) (1/4 lb. 40c) (1b. \$1.10) (5 lbs. \$5.00).

CAVALIER

23 days. An attractive variety of short topped Scarlet Globe type; primarily for forcing in greenhouse or frames. Tops about one inch shorter than Standard Scarlet Globe; roots uniform, olive-shaped, deep scarlet.

Postpaid (Pkt. 5c) (Oz. 15c) (1/4 lb. 40c) (1b. \$1.10) (5 lbs. \$5.00).

VICK'S SCARLET GLOBE

22 days. Deep scarlet radish with uniform oblong globe shape, tops medium length, good for cool season growing and makes an ideal bunch for packing.

Postpaid (Pkt. 5c) (Oz. 10c) (1/4 lb. 30c) (1b. 90c) (5 lbs. \$4.00).

SAXA

22 days. Excellent forcing variety with a very small top, bright scarlet, ball shaped roots. Very early.

Postpaid (Pkt. 5c) (Oz. 10c) (1/4 lb. 30c) (1b. 90c) (5 lbs. \$4.00).

CRIMSON GIANT

28 days. Large globe-shaped red variety with a large top.

Postpaid (Pkt. 5c) (Oz. 10c) (1/4 lb. 35c) (1b. \$1.00) (5 lbs. \$4.50).

FRENCH BREAKFAST

25 days. Oblong roots, scarlet color with a white tip. Half an inch thick by 1 1/2 inches long.

Postpaid (Pkt. 5c) (Oz. 10c) (1/4 lb. 30c) (1b. 90c) (5 lbs. \$4.00).

PERFECTION WHITE TIPPED (Sparkler)

26 days. Perfectly round or ball shaped, upper half bright scarlet, lower half a clear white; very attractive in appearance. Largely grown for market and home use.

Postpaid (Pkt. 5c) (Oz. 10c) (1/4 lb. 30c) (1b. 90c) (5 lbs. \$4.00).

CINCINNATI MARKET (Long Red)

28 days. An improved strain of Long Scarlet, being slightly larger and with a very small top; roots 6 to 7 inches long; scarlet colored; flesh white, almost transparent; brittle and crisp.

Postpaid (Pkt. 5c) (Oz. 10c) (1/4 lb. 30c) (1b. 90c) (5 lbs. \$4.00).

WHITE ICICLE

27 days. Fine, long, wax-white roots, crisp and mild. Our stock is an improved strain.

Postpaid (Pkt. 5c) (Oz. 10c) (1/4 lb. 30c) (1b. 90c) (5 lbs. \$4.00).

PINK BEAUTY

28 days. Its unusual large size, splendid quality and long standing character make it a very useful variety for the home gardener. The clear pink color is something different from the ordinary. This may prove an attraction for the public. We recommend a trial.

Postpaid (Pkt. 5c) (Oz. 15c) (1/4 lb. 40c) (1b. \$1.15) (5 lbs. \$5.25).

PHILADELPHIA BOX WHITE

28 days. A medium early, white variety for forcing or outside culture. Roots round, slightly top shaped, flesh white, very crisp, fine grained and tender.

Postpaid (Pkt. 5c) (Oz. 15c) (1/4 lb. 35c) (1b. \$1.00) (5 lbs. \$4.50).

MIXED RADISHES

All kinds, colors and shapes. Just what is wanted for the garden where the space is limited. One sowing is all that is required for a continuous supply.

Postpaid (Pkt. 5c) (Oz. 10c) (1/4 lb. 30c) (1b. 90c) (5 lbs. \$4.00).

Winter Varieties

CHINA ROSE

52 days. Rose, 5-inch root, 2 inches across, cylindrical, blunt-ended and heavier at lower end. Flesh is pungent.

Postpaid (Pkt. 5c) (Oz. 15c) (1/4 lb. 50c) (1b. \$1.50).

LONG BLACK SPANISH

55 days. Uniform gray-black, top-shaped, 8-inch roots, 3 inches across at thickest part. White, crisp, pungent flesh.

Postpaid (Pkt. 5c) (Oz. 15c) (1/4 lb. 50c) (1b. \$1.50).

ROUND BLACK SPANISH

56 days. Gray-black, round, slightly top-shaped roots, 4 inches across and 3 inches deep. White pungent flesh.

Postpaid (Pkt. 5c) (Oz. 15c) (1/4 lb. 50c) (1b. \$1.50).

WHITE SPANISH OR CELESTIAL

48 days. Very large, white, cylindrical, smooth roots. 6 to 9 inches long and 2 1/2 to 3 inches across with white, crisp flesh.

Postpaid (Pkt. 5c) (Oz. 15c) (1/4 lb. 50c) (1b. \$1.50).

Spinach

CULTURE

One ounce of seed will plant 100 feet of drill; 10 pounds an acre. Spinach is an important crop of easy culture for the market gardener. For spring and early summer use, sow in drills 1 foot apart and 1 inch deep, as early as the ground can be worked, and every two weeks thereafter for a succession crop. For winter and early spring use, sow in September in well-manured ground. Cover with straw on the approach of cold weather.

GIANT GAUDRY (Longstanding)

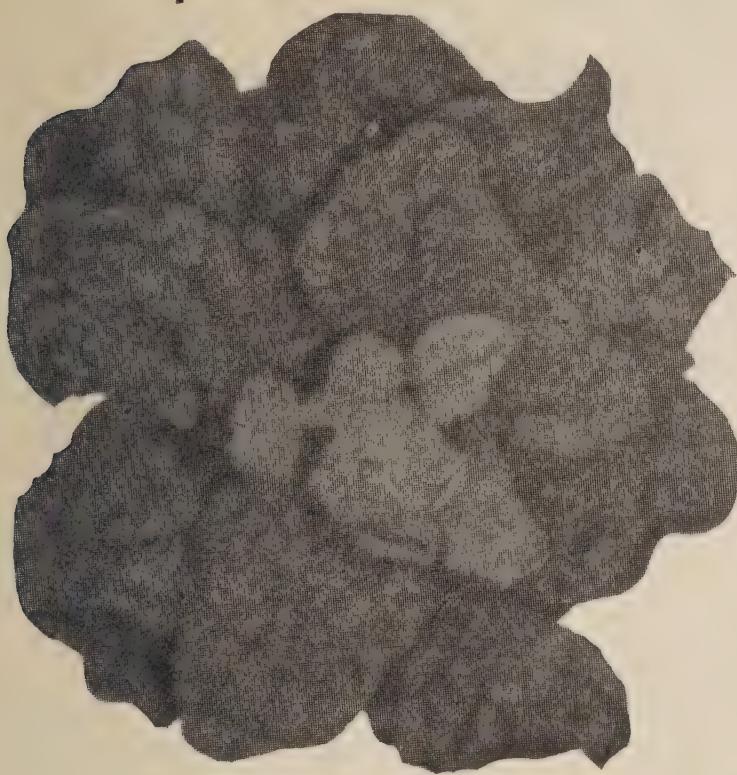
A rapid growing variety producing early in the season a mass of rather smooth, thick, rounded leaves of very large size. It stands well without bolting, yields a greater bulk than other varieties, and is highly recommended for both the home and market garden; fine for canning.

Postpaid (Pkt. 5c) (Oz. 10c) (1/4 lb. 25c) (1b. 65c) (5 lbs. \$3.00) (10 lbs. \$5.50) (25 lbs. \$12.50).

SPECIAL SUMMER SAVOY

A new selection from the popular Longstanding Bloomsdale. It is darker green, will stand 3 to 4 days longer, and is best suitable for summer planting.

Postpaid (Pkt. 5c) (Oz. 10c) (1/4 lb. 25c) (1b. 65c) (5 lbs. \$3.00) (10 lbs. \$5.50) (25 lbs. \$12.50).

Spinach (Continued)**GIANT NOBEL (Longstanding)**

Very valuable for market gardens and canning. Plants large, vigorous and spreading. It is slow to form seed stalks, and an extremely heavy yielder. Leaves huge, thick, smooth, pointed, with rounded tip; deep green, tender. The best of the Giant Thick Leaved sorts.

Postpaid (Pkt. 5c) (Oz. 10c) (1/4 lb. 25c) (1b. 65c) (5 lbs. \$3.00) (10 lbs. \$5.50) (25 lbs. \$12.50).

VIKING (Longstanding)

Produces very large and vigorous plants, heavy yielding and slow to bolt to seed. The leaves are very large, broad, thick, dark green and partially crumpled.

Postpaid (Pkt. 5c) (Oz. 10c) (1/4 lb. 25c) (1b. 65c) (5 lbs. \$3.00) (10 lbs. \$5.50) (25 lbs. \$12.50).

BLOOMSDALE SAVOY (Reselected)

Very early and hardy, and one of the best for market and canning. Plant of upright growth, with a tendency to go quickly to seed in hot weather. Stems 3 inches long, leaves of medium size.

Postpaid (Pkt. 5c) (Oz. 10c) (1/4 lb. 25c) (1b. 65c) (5 lbs. \$3.00) (10 lbs. \$5.50) (25 lbs. \$12.50).

BLOOMSDALE SAVOY (Longstanding)

Only a few days later than the regular Bloomsdale Savoy, it holds 12 to 14 days longer before throwing seed stalks. Plants are very uniform and sturdy, with very attractive, highly crumpled and blistered dark green leaves. Exceptionally valuable for home and market gardens, and for shipping.

Postpaid (Pkt. 5c) (Oz. 10c) (1/4 lb. 25c) (1b. 65c) (5 lbs. \$3.00) (10 lbs. \$5.50) (25 lbs. \$12.50).

HOLLANDIA (Prickly Winter)

A longstanding, late maturing sort; plant very large, vigorous and hardy; leaves round, thick, medium sized and dark green.

Postpaid (Pkt. 5c) (Oz. 10c) (1/4 lb. 25c) (1b. 65c) (5 lbs. \$3.00) (10 lbs. \$5.50) (25 lbs. \$12.50).

OLD DOMINION (Blight Resistant)

Resistant to Mosaic. Similar to Bloomsdale, except slightly smoother in appearance with flatter spreading growth. Leaves pointed and savoyed. Good shipper.

Postpaid (Pkt. 5c) (Oz. 10c) (1/4 lb. 25c) (1b. 65c) (5 lbs. \$3.00) (10 lbs. \$5.50) (25 lbs. \$12.50).

NEW ZEALAND

Distinct from other kinds of spinach and particularly valuable for culture in hot, dry weather. Seeds comparatively large and nut-like. Plants very large and spreading; leaves numerous, small, triangular, thick, deep green. The tender leafy shoots are gathered repeatedly.

Postpaid (Pkt. 10c) (Oz. 20c) (1/4 lb. 70c) (1b. \$2.00).

Salsify or Vegetable Oyster**CULTURE**

A desirable winter vegetable. The roots when cooked, are palatable and nutritious. Flavor is similar to oysters. A light, rich soil is most suitable, and it should be worked to a good depth. Seed is sown in spring in rows 12 to 15 inches apart and thinned to 4 inches apart in the row.

MAMMOTH SANDWICH ISLAND

A popular market garden sort, producing good sized roots, comparatively smooth.

Postpaid (Pkt. 10c) (Oz. 30c) (1/4 lb. 85c) (1b. \$3.00).

Rhubarb**CULTURE**

The roots can be raised from seed sown in the spring, and are ready to transplant to the permanent bed the next spring. Seedlings cannot be relied upon to produce the variety true to type no matter how carefully the seed is raised, so the roots that produce the largest and best stalks should be used, the rest being discarded.

VICTORIA

Stalks grow very large and are light green and scarlet in color.

Seed Postpaid (Pkt. 5c) (Oz. 20c) (1/4 lb. 60c) (1b. \$2.00).

Squash**CULTURE**

After danger of frost is past, plant in a warm, well pulverized, rich soil, mixing manure in each hill. Plant 8 to 10 seed to the hill, about May 10th, for the summer varieties 4 to 6 feet apart, and the winter sorts 8 to 10 feet, about July 1st. When well grown, thin out, leaving three of the strongest plants in each hill. Do not bruise or break the stems of the winter squashes when gathering. Plant summer sorts, 1 ounce to 25 hills; 3 to 4 pounds to an acre; winter sorts, ounce to 10 hills; 3 to 4 pounds to an acre.

YANKEE HYBRID

45 days. This is a true first generation hybrid made by controlled crossing of inbreds of Connecticut Straightneck and Early Prolific. This cross produces a squash that is distinctly earlier than either parent. It is more productive and more uniform. The vine is bush type. Fruit medium yellow, straight and very slightly warted. **(Pkt. 15c) (Oz. 50c) (1/4 lb. \$1.50) (1b. \$5.50).**

EARLY YELLOW STRAIGHTNECK

A lemon-yellow colored and small sized squash. Of late years the demand is for small, light yellow fruits, and this variety fills the bill. It is especially noted for its large yield of early fruits.

Postpaid (Pkt. 10c) (Oz. 20c) (1/4 lb. 50c) (1b. \$1.50).

GIANT SUMMER CROOKNECK

The largest and one of the earliest summer varieties; fruit often 2 feet long, very warty and deep orange in color.

Postpaid (Pkt. 10c) (Oz. 20c) (1/4 lb. 50c) (1b. \$1.50).

GIANT SUMMER STRAIGHTNECK

A distinct improvement on the Crookneck strain, as it packs to better advantage for shipping. Popular with market gardeners and shippers. Fruits thick-necked, heavily warted, straight, orange-yellow; flesh thick, light yellow.

Postpaid (Pkt. 10c) (Oz. 20c) (1/4 lb. 50c) (1b. \$1.50).

EARLY WHITE BUSH (Green Tinted)

A well-known variety of dwarf habit and upright growth. Surface comparatively smooth. Color, greenish-white while young, then changing to creamy white. One of the best and most popular sorts.

Postpaid (Pkt. 10c) (Oz. 20c) (1/4 lb. 50c) (1b. \$1.50).

ZUCCHINI (Short Cocozella)

A short type of Cocozella; fruit 7 to 8 inches long and 3 inches in diameter at picking stage; color light green speckled white; bush habit.
Postpaid (Pkt. 10c) (Oz. 20c) (1/4 lb. 50c) (lb. \$1.50).

COCOZELLA (Long Type)

A summer variety of bush habit; fruit oblong, 12 to 14 inches in length and 3 inches in diameter at picking stage; color dark green with light green stripes.

Postpaid (Pkt. 10c) (Oz. 20c) (1/4 lb. 50c) (lb. \$1.50).

BANANA

A late sort, cylindrical and pointed at blossom end, with thin, slate-gray rind. Flesh thick, fine grained, yellowish orange, and of sweet flavor. Seeds brown and highly enameled.

Postpaid (Pkt. 10c) (Oz. 25c) (1/4 lb. 75c) (lb. \$2.00).

CHICAGO WARTED HUBBARD

Somewhat larger than Improved Hubbard and more thickly covered with warts. Pointed at each end, very dark green; flesh deep orange-yellow, dry and sweet. A prolific, good keeping sort.

Postpaid (Pkt. 10c) (Oz. 25c) (1/4 lb. 75c) (lb. \$2.00).

IMPROVED GREEN HUBBARD

Standard winter sort for home market gardeners, and for shipping. Fruits weigh 10 to 12 pounds, pointed at both ends, slightly warty, dark bronze-green in color; rind hard and tough; flesh very thick, orange-yellow, dry and sweet.

Postpaid (Pkt. 10c) (Oz. 25c) (1/4 lb. 75c) (lb. \$2.00).

BLUE HUBBARD

100 days. Fruits large, round pointed at both ends. Slightly ridged, with very hard blue-gray rind; weight 12-14 pounds. Flesh yellow-orange, thick, of fine flavor.

Postpaid (Pkt. 10c) (Oz. 25c) (1/4 lb. 75c) (lb. \$2.00).

VERMONT HUBBARD

105 days. Similar in size and shape to Imp. Hubbard, but more warty and uniform. Fruits about 10 lbs., dark green in color; shell very hard and strong; flesh exceptionally thick, deep orange, dry, fine grained, and of excellent flavor.

(Pkt. 10c) (Oz. 25c) (1/4 lb. 75c) (lb. \$2.00)

MARBLEHEAD

An early maturing variety of the Hubbard family, the rind is quite smooth, hard and slate gray in color. The dry, sweet flesh is very thick and quality is extra good.

Postpaid (Pkt. 10c) (Oz. 25c) (1/4 lb. 75c) (lb. \$2.00).

GOLDEN HUBBARD

Similar to Green Hubbard, but earlier, smaller and more prolific. Popular with home and market gardeners and canners. Fruits somewhat pointed at each end; weight 8 to 10 pounds, moderately warty, orange-red, with faint cream colored stripes toward blossom end; flesh deep orange, dry and of fine quality; it keeps well.

Postpaid (Pkt. 10c) (Oz. 25c) (1/4 lb. 75c) (lb. \$2.00).

TABLE QUEEN OR ACORN

Desirable for home and market garden use, also for shipping. Trailing in habit, with acorn-shaped fruits, ribbed, smooth, thin-shelled, dark green. Flesh light yellow, bakes well and sweet, inviting flavor. An early maturing variety.

Postpaid (Pkt. 5c) (Oz. 20c) (1/4 lb. 50c) (lb. \$1.50).

MAMMOTH TABLE QUEEN

80 days. A distinctive, large fruited strain of this hard and prolific variety. Comparable in season to regular Table Queen and with fruits similar in shape and color but much larger—average 5 inches across and 6 to 7 inches deep.

Postpaid (Pkt. 5c) (Oz. 20c) (1/4 lb. 50c) (lb. \$1.50).

DELICIOUS

A popular winter sort, with top-shaped fruits weighing 7 to 8 pounds. Skin dark green, with light green stripes toward the blossom end; flesh orange, dry and of good flavor.

Postpaid (Pkt. 10c) (Oz. 35c) (1/4 lb. 75c) (lb. \$2.25).

Tomatoes**CULTURE**

Days indicated represent the time required from the setting plants to produce marketable fruits. One ounce of seed should produce 2,000 plants. Tomatoes do best on light, warm, not over-rich soil. Success depends in a large measure upon securing a rapid, vigorous, unchecked growth during the early part of the season, or first early tomatoes select varieties of the earliest types, and start the plants under glass in hot beds or greenhouses during February and March. When the plants are about 2 inches high they should be transplanted to flats, pots or plant boxes. Never crowd the plants, but keep them short and stocky. Plants already in bloom, if in pots or boxes, may be transplanted to the open ground without disturbing their roots, and will continue to bloom and fruit without check. When danger from frost has passed, set the plants in the field in rows about 4 feet apart each way, in warm, mellow soil of fair fertility. For main crop the plants can be started somewhat later in hot beds or cold frames and then set in the open ground the same as the early varieties. Tomatoes require very little water, just enough to keep them in good growing condition; too much water will cause them to blight. Cultivate often and thoroughly as long as the vines will permit. The last two or three workings of the soil should be shallow or the crop may be badly injured.

ASGROW SCARLET DAWN

70 days. Vines of medium growth fairly open very prolific. Fruits medium large with thick wall structure globular, smooth, free from flat sides, bright scarlet, ripening well to the stem, very attractive.

Postpaid (Pkt. 10c) (Oz. 50c) (1/4 lb. \$1.75) (lb. \$6.50).

BREAK OF DAY

70 days. A cross of Marglobe and Marvana, resistant to Wilt and Nail-head rust. Plant light, of even spreading habit, with medium foliage; early and very prolific. Fruits medium large, orange-red, uniform, globe shaped, smooth.

Postpaid (Pkt. 10c) (Oz. 50c) (1/4 lb. \$1.75) (lb. \$6.50).

BONNY BEST

74 days. Early mid-season sort for market, canning or shipping. Medium sized, bright scarlet fruits, smooth, solid and flattened globe shape.

Postpaid (Pkt. 10c) (Oz. 50c) (1/4 lb. \$1.75) (lb. \$6.50).

BOUNTY

65 days. Fruits are globular, medium size, 2 1/2 to 3 inches in diameter, scarlet. Core is small. Fruits smooth, borne high on plant. Vines small and self-topping.

Postpaid (Pkt. 10c) (Oz. 60c) (1/4 lb. \$2.00) (lb. \$7.00).

Tomatoes

CHALK'S EARLY JEWEL

76 days. A second-early sort for home gardens and truckers, also good for canning in the North. Plant medium, with open growth; prolific. Fruits medium large, smooth, scarlet, flattened, globe-shaped.

Postpaid (Pkt. 10c) (Oz. 50c) (1/4 lb. \$1.75) (1b. \$6.50)

EARLIANA

66 days. Very productive for an early sort; fruits of fair size, round, very smooth and solid, and produced in clusters in center of plant; color bright scarlet. Plants have a distinct open habit of growth.

Postpaid (Pkt. 10c) (Oz. 50c) (1/4 lb. \$1.75) (1b. \$6.50)

EARLY DETROIT

81 days. A mid-season sort with rather heavy, highly productive plants. Fruits medium large, semi-globular; purplish pink, quite smooth and solid.

Postpaid (Pkt. 10c) (Oz. 50c) (1/4 lb. \$1.75) (1b. \$6.50)

EXTRA EARLY BISON

63 days. Developed at the North Dakota Agricultural Station. This variety produces an early and very heavy crop under very adverse conditions. Fruit is a little larger and earlier than Earliana, deep scarlet, meaty, few seeds and finest quality.

Postpaid (Pkt. 10c) (Oz. 50c) (1/4 lb. \$1.75) (1b. \$6.50)

FIRESTEEL

The fruits are very large dark crimson-red, globe shaped. Vines are medium, vigorous and fairly open. Good for juicing or slicing.

Postpaid (Pkt. 10c) (Oz. 50c) (1/4 lb. \$1.75) (1b. \$6.50)

GROTHEN'S RED GLOBE

70 days. An early maturing, smooth, productive wilt-resisting variety that is becoming popular for shipping. The fruits are deep scarlet; color and size about like Marglobe.

Postpaid (Pkt. 10c) (Oz. 50c) (1/4 lb. \$1.75) (1b. \$6.50)

JOHN BAER

70 days. A few days earlier than Bonny Best, which it resembles. For local market and canning.

Postpaid (Pkt. 10c) (Oz. 50c) (1/4 lb. \$1.75) (1b. \$6.50)

JUNE PINK

69 days. The earliest of the pink-fruited varieties. Vine is open, spreading, and rather short. Fruits medium sized, flattened, smooth; color purplish-pink.

Postpaid (Pkt. 10c) (Oz. 50c) (1/4 lb. \$1.75) (1b. \$6.50)

JUBILEE

72 days. Fruits are large, bright golden orange, globular, heavy, full flavored and really delicious, the orange colored interior is thick-walled with few seeds. Makes delicious juice, very high in Vitamins A and C.

Postpaid (Pkt. 15c) (Oz. 90c) (1/4 lb. \$3.00) (1b. \$10.00)

LANDRETH

70 days. The vine is short-stemmed, unusually healthy, blood-red, solid, smooth, meaty and most attractive fruit, very productive. In appearance it is like Chalk's Early Jewel but five days earlier and considerably larger fruited.

Postpaid (Pkt. 10c) (Oz. 50c) (1/4 lb. \$1.75) (1b. \$6.50)

LIVINGSTON'S BEAUTY

84 days. One of the best pink fruited sorts, medium late in season. Plants sturdy, vigorous and prolific; fruits medium large, deep-flat, smooth, purplish pink, solid, of good quality.

Postpaid (Pkt. 10c) (Oz. 50c) (1/4 lb. \$1.75) (1b. \$6.50)

LIVINGSTON'S GLOBE

84 days. An excellent variety, used largely in the south for shipping; also well adapted to greenhouse production. Vine strong, very heavy foliage; prolific. Fruits large, full globe, smooth; purplish pink, ripen evenly.

Postpaid (Pkt. 10c) (Oz. 50c) (1/4 lb. \$1.75) (1b. \$6.50)

LOUISIANA PINK

75 days. An early maturing wilt resistant variety. Vines open with finely cut leaves. Fruits medium sized, quite smooth, deep flat, purplish pink.

Postpaid (Pkt. 10c) (Oz. 50c) (1/4 lb. \$1.75) (1b. \$6.50)

MARHIO

79 days. A pink fruited Marglobe developed by the Ohio Agricultural Station. In season it is the same as Marglobe. Fruits medium large, nearly globular, smooth with thick walls and cross-sections; of fine quality.

Postpaid (Pkt. 10c) (Oz. 50c) (1/4 lb. \$1.75) (1b. \$6.50)

MARGLOBE

79 days. Introduced by the United States Department of Agriculture, this main crop variety has come into wide use by truckers and shippers, and in some sections by canners. Plant vigorous, with heavy foliage, resistant to Wilt and Nailhead rust; moderately productive. Fruits medium large, nearly globular, smooth, solid, with thick walls and cross-sections, of fine quality.

Postpaid (Pkt. 10c) (Oz. 50c) (1/4 lb. \$1.75) (1b. \$6.50)

MASTER MARGLOBE (Certified)

77 days. Early mid-season variety, similar to the usual Marglobe but more uniform, slightly earlier, very solid, and very free from blossom end scar and flats.

Postpaid (Pkt. 10c) (Oz. 50c) (1/4 lb. \$1.75) (1b. \$6.50)

MINGOLD

73 days. Excellent yellow-fruited variety, early and prolific. Fruits of medium size, globular and smooth with mild and pleasant flavor.

Postpaid (Pkt. 10c) (Oz. 50c) (1/4 lb. \$1.75) (1b. \$6.50)

NEW STONE

86 days. A fine strain of the old main crop variety. Has large, flat, scarlet fruits, smooth and solid. Very productive.

Postpaid (Pkt. 10c) (Oz. 50c) (1/4 lb. \$1.50) (1b. \$5.50)

OXHEART

90 days. Vine is open, spreading, moderately productive. Fruits extremely large, somewhat rough, heart-shaped, pink, very solid, meaty and of mild flavor.

Postpaid (Pkt. 10c) (Oz. 75c) (1/4 lb. \$2.25) (1b. \$8.00)

PAN AMERICA

73 days. This new variety developed by the U. S. Department of Agriculture is highly resistant to nailhead rust and Fusarium wilt. The fruits are bright scarlet in color, medium large, globular in shape, moderately thick flesh, very thick outer wall almost free of cracking. The vines have good coverage of medium dark green leaves.

Postpaid (Pkt. 10c) (Oz. 50c) (1/4 lb. \$1.75) (1b. \$6.50)

PEARSON

76 days. Vigorous, self-topping plants with ample foliage to protect the heavy set of fruits, which are medium large, semi-globe and of good red color. Good canning and shipping variety.

Postpaid (Pkt. 10c) (Oz. 75c) (1/4 lb. \$2.25) (1b. \$8.00)

PITCHARD or SCARLET TOPPER

73 days. A scarlet, self-topping, disease-resistant variety. It is a cross between Marglobe and Cooper's Special and has inherited fine qualities from each parent; heavily productive. Fruits large, smooth, globular, solid, with thick walls and cross-sections; color light scarlet.

Postpaid (Pkt. 10c) (Oz. 50c) (1/4 lb. \$1.75) (1b. \$6.50)

RUTGERS (Certified Seed)

It is a second early variety, fruits are medium to large, similar in shape to Marglobe, except that they are more flat in the stem end. The fruit has a thick outer and inner wall, with very small seed cavities. The flesh is firm and red.

Postpaid (Pkt. 10c) (Oz. 50c) (1/4 lb. \$1.75) (1b. \$6.50)

PONDEROSA or BEEF STEAK

88 days. Large, pink fruited, home garden sort, inclined to crack.

Postpaid (Pkt. 10c) (Oz. 75c) (1/4 lb. \$2.25) (1b. \$8.00)

STOKESDALE CERTIFIED

72 days. An early scarlet fruited sort with remarkably solid interior, ripening from the inside outward. Resembles Marglobe in size and shape but about 10 days earlier. Owing to its short season, it is well adapted to the northern states.
Postpaid (Pkt. 10c) (Oz. 50c) (1/4 lb. \$1.75) (1b. \$6.50).

VICTOR

65 days. This tomato is a dwarf self-topping variety. Is extra early, even ripening with small vines. Color is uniform, scarlet and has a very noted smoothness of skin, fruits about 3 inches in diameter.
Postpaid (Pkt. 10c) (Oz. 50c) (1/4 lb. \$1.75) (1b. \$6.50).

YELLOW PEAR

73 days. Fruits small and pear-shaped, rich, clear yellow in color; used for preserves.
Postpaid (Pkt. 10c) (Oz. 50c) (1/4 lb. \$1.75) (1b. \$6.50).

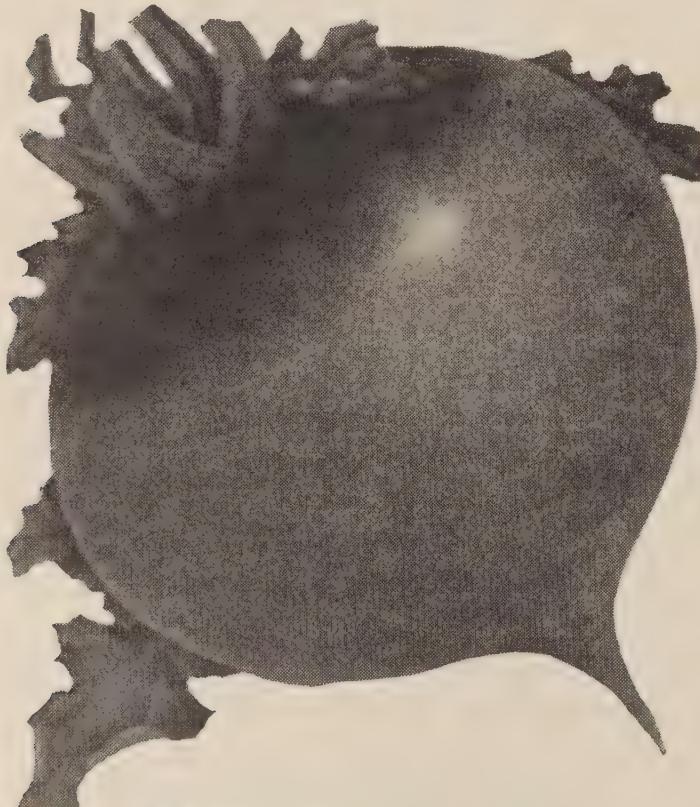
YELLOW PLUM

73 days. A small, yellow-fruited variety much resembling a plum in size and form; for preserving.
Postpaid (Pkt. 10c) (Oz. 50c) (1/4 lb. \$1.75) (1b. \$6.50).

Garden Huckleberry

Not a true Huckleberry, but belongs to the same family as tomatoes and peppers. The fruit is deep purple, nearly black, round and only a little smaller than Concord grape. The plants grow three feet high, and are covered with clusters of fruit. The fruit ripens in September, but is considered best after a hard frost. Culture is the same as tomatoes.
Postpaid (Pkt. 10c) (Oz. 35c) (1/4 lb. \$1.00)

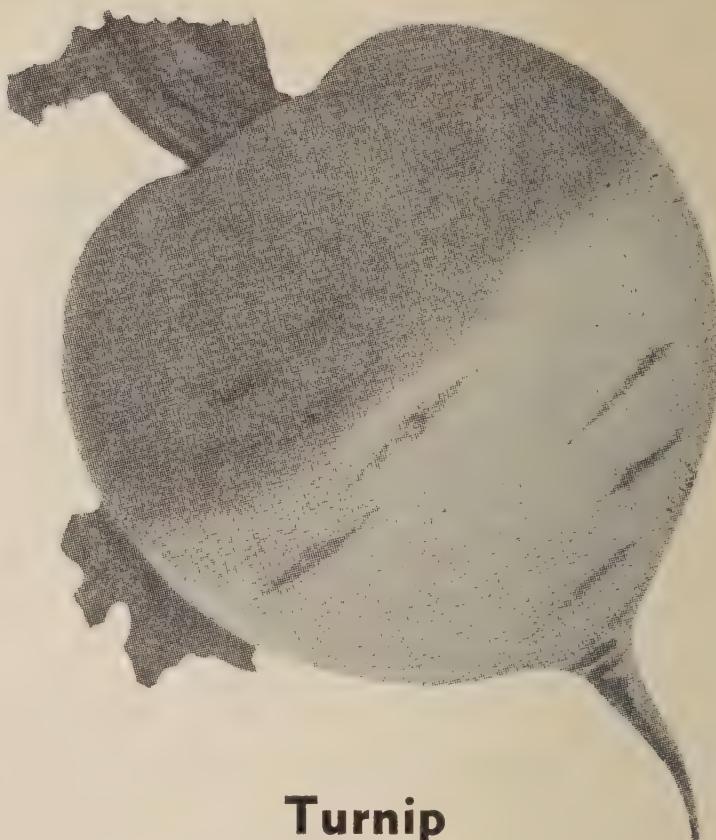
Rutabaga or Swede Turnip

**AMERICAN PURPLE TOP**

100 days. The standard variety grown for home use, market and storage. Roots large and globular, deep purple red above ground, light yellow below, with medium short neck. Flesh a creamy yellow, of finest texture and flavor. A good yielder and keeper.
Postpaid (Pkt. 5c) (Oz. 15c) (1/4 lb. 35c) (1b. \$1.00).

LAURENTIAN

92 days. An outstanding purple top variety introduced from Canada. Clean, well shaped root, almost neckless, skin thick, good keeper. Flesh light yellow, fine grained excellent quality. Top light green, shorter than American Purple Top.
Postpaid (Pkt. 5c) (Oz. 15c) (1/4 lb. 35c) (1b. \$1.00).



Turnip

CULTURE

One ounce of seed will sow 150 feet of drill; 2 pounds an acre.

PURPLE TOP WHITE GLOBE

55 days. Almost a perfect globe in form; flesh and skin white, colored purple, or red, above ground; very fine grained and sweet. A superior variety.
Postpaid (Pkt. 5c) (Oz. 15c) (1/4 lb. 35c) (1b. \$1.25) (5 lbs. 4.75).

PURPLE TOP WHITE GLOBE (Special)

55 days. This pure bred strain is noted for its uniformity and productivity. Top dark green, large, erect cut leaved. Root large, globe shaped, very smooth; upper part purple-red, white below; flesh white, sweet, crisp and tender.
Postpaid (Pkt. 10c) (Oz. 15c) (1/4 lb. 40c) (1b. \$1.35) (5 lbs. \$5.00).

WHITE EGG

50 days. An early oval or egg-shaped variety. Roots of medium size, smooth and clear white; of the very best quality.
Postpaid (Pkt. 5c) (Oz. 15c) (1/4 lb. 35c) (1b. \$1.00) (5 lbs. \$4.50).

EXTRA EARLY PURPLE TOP MILAN

45 days. Extremely early and of splendid quality; bulbs of medium size, flat and white, with a bright purple top; strap leaved.
Postpaid (Pkt. 5c) (Oz. 25c) (1/4 lb. 50c) (1b. \$1.50).

EXTRA EARLY WHITE MILAN

45 days. Similar to Purple Top Milan, except that the roots are a solid clear white.
Postpaid (Pkt. 5c) (Oz. 25c) (1/4 lb. 50c) (1b. \$1.50).

SNOWBALL (Early)

50 days. A quick-growing, ball-shaped, pure white variety, with short top and free from bitter taste.
Postpaid (Pkt. 5c) (Oz. 15c) (1/4 lb. 35c) (1b. \$1.00) (5 lbs. \$4.50).

POMERANIAN WHITE GLOBE

60 days. Roots are globe-shaped, slightly flattened. Skin smooth and white. Largely used for stock feed.
Postpaid (Pkt. 5c) (Oz. 15c) (1/4 lb. 35c) (1b. \$1.00) (5 lbs. \$4.50).

AMBER GLOBE

60 days. Grows to a large size, skin yellow, with green crown. Flesh yellow.
Postpaid (Pkt. 5c) (Oz. 10c) (1/4 lb. 25c) (1b. 90c) (5 lbs. \$4.00).

PURPLE TOP STRAP LEAF

50 days. An early flat sort; crown purplish red, white below, flesh white, used principally for stock.
Postpaid (Pkt. 5c) (Oz. 15c) (1/4 lb. 35c) (1b. \$1.25) (5 lbs. \$4.50).

Lawn Grass Seeds

For making a new lawn or for reseeding established lawns, use our special recleaned grass seed.

There is nothing that will improve the appearance of your home so much as a well-kept lawn with a flower bed or two, and a liberal planting of shrubs along the borders. To have a good lawn it is necessary that you get your soil in fine condition, that you sow a sufficient quantity of good seed, and that you take care of the grass after you have a stand.

Our Lawn Seed has all been thoroughly recleaned, is of high purity and germination. Sow at the rate of 1 pound to 150 to 200 square feet.

When making a new lawn, be sure that the soil is well drained and that a sufficient amount of fertilizer has been incorporated in the soil, using a fertilizer rich in plant food.

Lawn Grass Seeds are in very limited supply, especially Kentucky Blue Grass which the past season was a very short crop. This makes it necessary to use other fine tuft grass to make up the shortage of Blue Grass. Order Lawn Mixtures, as these will make a good lawn.

As a top dressing use a balanced Fertilizer, such as Vigoro or Sacco, or incorporate the fertilizer in the soil before sowing the seed. Do not use barnyard manure for top dressing.

PERFEGRO LAWN MIXTURE

A beautiful, smooth, low-growing, dark, velvety grass. It is composed of recleaned Kentucky Blue Grass and White Dutch Clover together with other fine bladed perennial grasses.

Postpaid: (1b. 85c) (10 lbs. \$7.50).

QUICK GROW LAWN MIXTURE

A rapid-growing mixture for producing an immediate showing that will be followed by a good permanent sod. Ready to cut two weeks ahead of any other mixture.

Postpaid: (1b. 70c) (10 lbs. \$3.00).

SHADY SPOT LAWN MIXTURE

This is made up of grasses which naturally grow in shady places. Contains Bent Grass.

Postpaid: (1b. \$1.00) (10 lbs. \$9.00).

KENTUCKY BLUE GRASS AND CLOVER

A special mixture of 90 per cent Kentucky Blue Grass and 10 per cent White Dutch Clover.

Postpaid: (1b. \$1.00) (10 lbs. \$9.50).

KENTUCKY BLUE GRASS

Special Recleaned Seed

This is the most widely used grass for Lawns; forms a close, thick turf and is very hardy. Seed is slow to germinate and must be kept well watered with a fine spray until it is established.

Postpaid: (1b. \$1.00) (10 lbs. \$9.50).

BUFFALO GRASS FOR LAWNS

Treated to hasten germination. This is a low-growing long-lived drought-resistant perennial grass that spreads by numerous surface runners. Profuse branching of runners enables this grass to form a dense sod. The leaf surface is a gray green, turning to purplish in late fall. Seed should be applied at the rate of from $\frac{1}{2}$ to $\frac{3}{4}$ pound per 1,000 square feet of lawn area. The seeding rate is readily obtained by spacing the seed $\frac{1}{2}$ to $\frac{3}{4}$ of an inch apart in the rows or by dropping 15 to 20 seeds per foot of row, in rows one foot apart. After the lawn is up requires very little water, making it an ideal grass for farm lawns, parks and cemeteries.

Postpaid: (1b. \$1.60) (10 lbs. \$15.00).

CANADA BLUE GRASS

A more rapid grower than Kentucky Blue Grass and equally good for pasture but not as suitable for lawns. This is an excellent pasture grass for poor, dry land and should be more largely used for this purpose.

Postpaid (1b. \$1.25) (10 lbs. \$11.50).

WHITE DUTCH CLOVER

This is a low growing clover used principally for lawns in a mixture with Blue Grass. It germinates quickly and acts as a protection for the slower germinating Blue Grass.

Postpaid (1/4 lb. 35c) (1b. \$1.15) (10 lbs. \$10.50).

ASTORIA BENT

This is the true Creeping Bent Grass, which spreads by underground roots and by stolons which creep over the ground and send down roots from their joints. It is very fine bladed and forms a thick velvety turf. It is quick growing and crowds out dandelions and other weeds. Sow one pound to 300 square feet.

Postpaid (1/4 lb. 50c) (1b. \$1.35) (10 lbs. \$12.50).

COOS OR SEASIDE BENT

This variety differs only from the Astoria Bent in that it creeps more on top of the ground, thus forming, when it has been well established, somewhat of a turf or matting on top of the soil which tends to crowd out weeds.

Postpaid (1/4 lb. 50c) (1b. \$1.45) (10 lbs. \$12.50).

CREEPING RED FESCUE

A fine leaved, persistent, turf-forming grass, excellent for shade and is valuable in lawn mixtures.

Postpaid (1/4 lb. 40c) (1b. \$1.00) (10 lbs. \$9.00).

FANCY RED TOP

A quick-growing, fine-leaved, bright green creeping grass, popular for lawns and golf courses.

Postpaid (1b. 60c) (10 lbs. \$5.00).

RYE GRASS (Domestic)

A valuable grass for pastures and lawns when quick results are required. Thrives well on any soil.

Postpaid (1b. 50c) (10 lbs. \$4.00).

RYE GRASS (Perennial)

Rapid growing grass, useful for making lawns where immediate effects are wanted. Valuable for hay and pasture.

Postpaid (1b. 60c) (10 lbs. \$5.50).

MEADOW FESCUE or ENGLISH BLUE GRASS

Grows best on moist soils. Robust in habit, yet never grows into large tufts. Superior to Rye Grass for lawns.

Postpaid (1b. 60c) (10 lbs. \$5.00).

CHEWING'S FESCUE

This is used in mixtures for fine lawns for putting greens, wherever a particularly fine-leaved grass is wanted.

Postpaid (1/4 lb. 40c) (1b. \$1.00) (10 lbs. \$9.00).

CRESTED WHEAT (Fairway Strain)

This strain was developed in Canada for use in lawns, fairways, boulevards, school yards, cemeteries, parks and in areas where water is not readily available. It is a hardy, drought-resistant fine-stemmed grass.

Postpaid (1b. 60c) (10 lbs. \$5.00).

BERMUDA GRASS FOR THE SOUTH

A southern grass with dwarf habits, long creeping stems rooting at the joints that cover the ground with a matting of fine turf. Not suited for northern latitudes.

UNHULLED SEED—Postpaid (1/4 lb. 30c) (1b. 90c) (10 lbs. \$8.50).

HULLED SEED—Postpaid (1/4 lb. 35c) (1b. \$1.00) (10 lbs. \$9.00).

VITAMIZED LAWN SEED

Pre-treating of Grass Seeds with Hormones and Vitamin B-1 hastens germination of the slow-growing grasses and promotes deeper, stronger root growth. The larger root system brings in more food and water to the plant, resulting in better drought resistance and better utilization of the plant food elements in the soil.

KEYSTONE SUPREME LAWN MIXTURE

A combination of Kentucky Blue Grass, Chewings fescue, Colonial Bent and Red Top.

Postpaid (1b. \$1.00) (10 lbs. \$9.00).

KEYSTONE CITY LAWN MIXTURE

A mixture of Kentucky Blue, Common Rye, Red Top and White Dutch Clover.

Postpaid (1b. 85c) (10 lbs. \$7.50).

KEYSTONE SHADY SPOT LAWN MIXTURE

A mixture of Kentucky Blue, Common Rye, Chewings Fescue and Red Top.

Postpaid (1b. \$1.15) (10 lbs. \$10.50).

KEYSTONE KENTUCKY BLUE GRASS

Postpaid (1b. \$1.15) (10 lbs. \$10.50).

Grass Seeds

For Hay and Pasture

BROME GRASS (*Bromus Inermis*)

Yields enormous crops of splendid hay, and affords early and abundant pasture. It adapts itself to almost any condition of soil and climate and to any use to which grass may be put. The roots penetrate the soil deeply and form fresh plants on every side. It starts from two to three weeks earlier in the spring than native prairie grass, and keeps green in autumn longer than any of the useful grasses grown in the West. No amount of cold seems to affect it, and it surpasses all other grasses in resisting heat and drought. It equals timothy for hay, and is splendid to sow with alfalfa, clover, meadow fescue or orchard grass for pasture.

Postpaid (1b. 55c) (10 lbs. \$4.50).

SLENDER WHEAT GRASS (Western Rye Grass)

Grows in tall erect bunches which sometimes cover a space of one foot in diameter. It is a perennial, resistant to both drought and cold. Has ability to grow in alkali land and is very palatable to cattle and horses.

Postpaid (1b. 45c) (10 lbs. \$3.75).

CRESTED WHEAT GRASS (Standard or Forage Strain)

It is drought resistant, long-lived grass. It is equal or better, in feed value for hay or pasture to Brome Grass, Slender Wheat Grass, Western Wheat Grass and is relished by livestock and yields as well or better. It is adapted to a wide range of soil types. It is easily plowed up and can be killed by plowing, even though it has an extensive root system. Should be sown on a well prepared soil, which contains a sufficient amount of moisture to give the crop a good start. The seed should be put in not over a half inch deep either with or without a nurse crop. Best without a nurse crop. Sow seed at the rate of 10 lbs. per acre, either broadcast or drilled in or from 4 to 5 pounds per acre when planted in 3-foot rows, to be cultivated and raised primarily for a seed crop.

Ask prices.

CRESTED WHEAT GRASS (Fairway Strain)

This differs from the above in that it does not grow quite as tall and is more leafy and under most conditions will produce as much hay per acre as the Standard Strain. The Fairway has more uses and can be used in lawns, fairways, boulevards, school yards, parks, farm lawns and in areas where water is not readily available.

Ask prices.

WESTERN WHEAT GRASS (Blue Stem)

Is a drought resistant, long-lived perennial grass. Produces excellent forage for grazing and hay. **Prices quoted on request, crop short.**

MEADOW FESCUE, OR ENGLISH BLUE GRASS

Of great value for permanent pasture and for hay. Does best on strong land. Grows 2 feet high. Makes a finer and better quality of hay than Orchard Grass. Sow 25 to 30 pounds per acre.

Ask prices.

ALTA OR TALL FESCUE

Tall Fescue is rapidly gaining in popularity and has supplanted Meadow Fescue in many areas. It is somewhat coarse but is more drought-resistant, more productive, and more alkali-tolerant. Livestock find it fully as palatable. The growth period and other characteristics are the same except that Meadow Fescue is preferable on marshy lands.

Ask prices.

DOMESTIC RYE GRASS

A desirable grass for pasture. It forms a heavy close sod and grows up quickly after being eaten or cut off. It is also a good grass for hay if cut when in bloom. It affords good pasture after the hay is cut. Does best on rather moist and heavy soil. Use 25 to 30 pounds of seed per acre.

PERENNIAL RYE GRASS

A very valuable variety for permanent pasture. Succeeds well on almost any soil, but is particularly adapted to moderately moist or irrigated lands. Sow 25 to 30 pounds per acre in spring.

RED TOP (Solid Seed)

Valuable for low land, as it is not injured by water. It also grows well on high land. Grows 2 to 3 feet high, and makes very good hay. Finest recleaned seed. Sow 8 to 10 pounds per acre.

Postpaid (1b. 55c) (10 lbs. \$4.50).

TIMOTHY

One of the most popular grasses for hay and pasture. Sow 9 pounds of seed per acre if used alone. Fancy recleaned seed.

Postpaid (1b. 40c) (10 lbs. \$3.00).

BUFFALO GRASS

See write-up on page 51.

Postpaid (1b. \$1.60) (10 lbs. \$15.00).

ORCHARD GRASS

A strong growing, rather coarse grass, good for pasture and hay. Starts very early in the spring. Grows in tufts so should be sown with other early flowering grasses. Orchard grass makes a very rapid growth after being cut and affords good pasture within a week or ten days after cutting. Stands drought well as the roots extend deep into the soil. Sow 25 to 30 pounds per acre.

Postpaid (1b. 55c) (10 lbs. \$4.50).

REED CANARY GRASS

Is one perennial grass that will thrive in marshy places, stands under water for weeks without injury, yields enormous tonnage of hay with feed value equal to wheat bran. Sow any time before June 20th at the rate of 10 to 12 pounds per acre, broadcast. It forms a sod rapidly through the spreading of underground roots. Makes your low lands grow profitable crops.

Postpaid (1b. 85c) (10 lbs. \$7.50).

GRAMA GRASS

Is a perennial tufted grass adapted for the dry plains region; plants grow from 1 to 3 feet tall, used for reseeding range lands. Limited quantity of seed available this season.

Postpaid (1b. 60c) (10 lbs. \$5.00).

SAND DROP SEED

Best on sandy or semi-sandy soils. In mixture with Wheat Grasses and Bromes. Sand drop will provide abundant forage while the slower growers are establishing themselves. Sow two to five pounds per acre.

Postpaid (1b. 40c) (10 lbs. \$3.25).

SUDAN GRASS (For Hay and Pasture)

Sudan Grass is strictly an annual, and dies each year like millet. Sudan Grass is tall, reaching a height of from 7 to 9 feet. The stems are small and are rarely larger than a lead pencil. The plant stools wonderfully and produces, under favorable conditions, as many as 100 stalks from a single root.

Postpaid (1b. 45c) (10 lbs. \$3.50).

SWEET SUDAN

A greatly improved Sudan Grass from a hybridization of Leota Red Sorghum on Common Sudan. It has great palatability, livestock eating it to the ground before touching common Sudan or other forage sorghums. Sweet Sudan has broader leaves, larger stems and makes taller growth, stooling heavier than common Sudan. It is a truly great improvement over common Sudan and in our opinion will completely replace common Sudan. We recommend that every farmer put in at least a few rows to prove to himself the many advantages for both hay and grazing over common Sudan.

Postpaid (1b. 50c) (10 lbs. \$4.00).

MORTON'S PASTURE MIXTURE

Our State Agricultural College recommends the following ratio for a well balanced permanent pasture mixture: 30 per cent Orchard Grass, 30 per cent Brome Grass, 20 per cent Meadow Fescue, 12 per cent Timothy and 8 per cent Yellow Blossom Sweet Clover. Sow 25 to 30 pounds per acre.

Postpaid (1b. 55c) (10 lbs. \$4.50).

MIXTURE FOR ALKALINE LANDS

The following is fine on lands infested with alkali: 8 lbs. Yellow Blossom Sweet Clover, 8 lbs. Slender Wheat Grass, 6 lbs. Meadow Fescue, 6 lbs. Brome Grass and 4 lbs. Red Top. Sow 30 pounds per acre.

Postpaid (1b. 55c) (10 lbs. \$4.50).

Grass Seeds

For Hay and Pasture

TIMOTHY AND 20% ALSIKE MIXTURE

Fine for hay and pasture, especially for mountain districts.

Postpaid (lb. 50c) (10 lbs. \$4.00).

PASTURE AND MEADOW MIXTURE FOR LOW WET GROUND

This mixture consists of Red Top, Rye Grass, Kentucky Blue Grass, Brome Grass, Timothy and Alsike Clover. Sow 20 to 25 pounds per acre.

Postpaid (lb. 65c) (10 lbs. \$5.50).

PERMANENT PASTURE AND MEADOW MIXTURE

(For all soils except low wet ground). This mixture consists of hardy deep rooted grasses and clover. It will furnish good grazing throughout the season. It consists of Meadow Fescue, Brome Grass, Rye Grass, Timothy, Red Top, Kentucky Blue Grass, and Alsike Clover.

Postpaid (lb. 65c) (10 lbs. \$5.50).

PLAINS OR DRY LAND MIXTURES

Consists of 6 lbs. Brome, 4 lbs. Crested Wheat, 5 lbs. Slender Wheat, 3 lbs. Yellow Blossom Sweet Clover. Sow 18 lbs. per acre. It is made up according to specifications of the North Dakota Experiment Station.

Postpaid (lb. 85c) (10 lbs. \$4.50).

MOUNTAIN MEADOW MIXTURE

A special mixture of Alsike Clover, Timothy and Red Top, especially adapted for our mountain meadows. Can be pastured or cut for hay.

Postpaid (lb. 55c) (10 lbs. \$4.50).

ALFALFA-BROME MIXTURE

Owing to the limited supply of Alfalfa Seed a mixture of Alfalfa Seed and Brome Grass is recommended for Hay or Pasture. Use 12 lbs. Brome and 4 lbs. Alfalfa Seed per acre.

Postpaid (lb. 60c) (10 lbs. \$5.00).

Sweet Clovers

The culture of Sweet Clover is practically the same as for Alfalfa. Sweet Clover, however, will make an immense growth and if cut before it is too ripe makes excellent hay. It is also valuable for pasture for hogs, sheep and cattle. Like Red Clover, this is a biennial and should be renewed every other year. The seed may be sown in the late fall and winter, or early spring as well as in the late summer. Sow 12 to 20 pounds per acre.

WHITE BLOSSOM SWEET CLOVER

White Blossom makes the rankest growth of any clover. It produces the biggest hay crop and is the best soil enricher and green fertilizer. It breaks up the soil, gathers nitrogen from the air and deposits it in the soil.

Postpaid (lb. 45c) (5 lbs. \$1.75) (10 lbs. \$3.00).

HUBAM SWEET CLOVER

This is an annual White Sweet Clover that may be planted in April and will mature and make seed the first year.

Ask for prices.

YELLOW BLOSSOM SWEET CLOVER

Is a biennial like the White Blossom Sweet Clover and differs from that variety only in that it is ten days earlier. Does not grow as tall, is more spreading in habit, makes finer hay or pasture.

Postpaid (lb. 45c) (5 lbs. \$1.75) (10 lbs. \$3.00).

Tobacco

In the north it is best to sow Tobacco in a hotbed or in a box in the house in March or April and transplant the seedlings once before setting out in the open ground, which should not be done until danger of frost is past. Set the plants in rows 3 1/2 feet apart.

POSTPAID PRICES ON TOBACCO

	Pkt.	Oz.	1/4 lb.
Connecticut Seed Leaf	\$0.10	\$0.35	\$1.10
Havana	.10	.40	1.25
White Burley	.10	.40	1.25

Hardy Grass and Field Seeds

PERFEGRO BRAND GRASS AND FIELD SEEDS are especially recleaned and tested for purity and germination before shipping. It desired, we will send you samples and advise you what the purity and germination test are of any of the Grass or Farm Seeds.

Alfalfa

CULTURE

Alfalfa Seed may be sown either in spring or in fall at the rate of 12 to 20 pounds per acre. Sow with oats, barley, field peas or other grains as a nurse crop, sowing only about half the amount of grain per acre, so that the grain will not be too thick to smother out the alfalfa. Alfalfa is the great hay crop for America and can be successfully grown in many localities. Alfalfa is of two types the Domestic or Common, which has a long tap root which penetrates into the soil for a distance of 8 to 10 feet, and the Grimm Type, which has a spreading root system. The Grimm Type is considered the hardiest, although on certain soils and in certain localities the Hardy Common varieties will stand extremes of heat and cold equally well.

The common types of Alfalfa Seed will be available in quantity this season. However, the Baltic and Grimm types are very short. Of the Domestic Type we have the following origins: Colorado, Kansas, Utah and Argentine. Prices are not quoted in the catalogue owing to market changes. When you are in the market for Alfalfa and Sweet Clover, please write us, advising quantity wanted, and we will quote you best prices promptly by return mail.

DOMESTIC ALFALFA

Several grades of Colorado grown Common Alfalfa will be available in limited quantities for spring seeding. Write for prices advising quantity wanted and we will submit samples for your inspection. Owing to limited stocks on hand, early orders are advisable.

MEEKER BALTIC

This hardy strain is produced in the same district in Colorado as the Moffat Grimm. It is of the Grimm type and by some authorities is considered the hardiest and most productive variety.

No seed available this season.

GRIMM ALFALFA

The hardiest of the hardy alfalfas and differs from the domestic or common variety in that it has a spreading root system instead of the long tap root which is sometimes broken when the ground bulges, during the spring freezes, thus causing the plant to die. Highest grade seed. Very hardy and will produce a fine hay crop.

ARGENTINE ALFALFA

This seed is imported from Argentine in South America. It is strained 10% Red to meet government regulations. Government restrictions have been removed and this seed can now be planted in all districts. It is of the Common variety and seed will be in fairly good supply if shipping space is available to bring in this seed.

ALFALFA-BROME MIXTURE

Owing to the limited supply of Alfalfa Seed a mixture of Alfalfa Seed and Brome Grass is recommended for Hay or Pasture. Use 12 lbs. Brome and 4 lbs. Alfalfa Seed per acre.

(lb. 60c) (10 lbs. \$5.50).

(PRICES SUBJECT TO CHANGE)

Clovers

ALSIKE OR SWEDISH CLOVER

Grows well on low, wet land where Red Clover does not thrive. Alsike being a perennial, will last for a good many years, either for hay or in pasture. It makes fine hay of high feeding value. It is valuable in pastures, especially on wet or heavy soil. Sow 6 to 10 pounds of seed per acre if used alone.

Postpaid (1b. 75c) (10 lbs. \$6.50). Larger quantities quoted on request.

LESPEDEZA (Korean Clover)

Lespedeza grows on poor soils and increases the fertility as well as improves the physical condition of the soil. It is an annual but will reseed itself each year so that only one sowing is necessary for a permanent pasture. For pasture about 8 pounds of seed is required per acre. On tilled land for hay or for a seed crop 10 to 12 pounds per acre should be sown. Korean Lespedeza is palatable to all classes of live stock, particularly cattle.

Postpaid (1b. 45c) (5 lbs. \$2.00) (10 lbs. \$3.50).

MEDIUM RED CLOVER

Fits better into crop rotation than any other legume. It will increase the yield of succeeding crops besides furnishing many tons of hay of high protein content. It is a biennial which means that it will grow for two seasons only and then must be reseeded. Requires medium rich well drained soil. Sow 8 to 12 lbs. per acre.

Postpaid (1b. 70c) (10 lbs. \$6.50).

MAMMOTH RED CLOVER

Resembles Medium Red Clover but grows taller and the hay is coarser. It is hardy and valuable for fertilizing poor soil. Sow 8 to 12 lbs. per acre.

Postpaid (1b. 70c) (10 lbs. \$6.50).

STRAWBERRY CLOVER (Trifolium Fragiferum) Is primarily a pasture crop. It thrives on wet, seepy ground, which may be crusty with alkali and is apparently more resistant to alkali than any other clover. It is capable of spreading and establishing itself by its stout creeping runners. Three to five pounds will seed an acre.

Postpaid (1b. \$2.50). Supply Limited.

LADINO CLOVER

Is regarded as a tall form of White Dutch Clover. It is a low growing, leafy plant with succulent and somewhat coarse stems. Sow in the spring or fall, sow 7 to 8 pounds per acre.

Postpaid (1b. \$2.25) (10 lbs. \$21.50).

Seed Grains

Wheat

On irrigated lands, sow 60 to 75 pounds per acre; on dry land, 40 to 50 pounds.

MARQUIS

It is a very early, beardless, hard red spring wheat, very productive. It has higher milling and baking qualities than most varieties of spring wheat known today and will almost always grade No. 1. Besides being about ten days earlier than most varieties of spring wheat it generally out-yields them and has been known to produce 45 to 60 bushels per acre. As it is short stiff strawed, it is not likely to lodge and stands up well under irrigated conditions. The grain is plump and of a dark red appearance.

THATCHER

A new beardless, hard red spring wheat, developed in Minnesota. Rust resistant and equal in milling and baking qualities to Marquis.

WINTER WHEAT

For Fall seeding, a hard, bearded winter wheat. Very prolific and stands cold and drought well. **Prices, Postpaid, Any Variety (5 lbs. \$1.25) (10 lbs. \$2.00).**

Barley

On irrigated land, sow 60 to 90 pounds per acre; on dry land, 40 to 50 pounds.

BEECHER

A semi-smooth awned barley that has outyielded Club Mariout or Flynn over 25 per cent at the U. S. Dryland Station at Akron. Also shows a better bushel weight. Stiff strawed. Adapted to dryland conditions.

LICO

This is a high yielding barley, very much like Trebi except that it is smooth awned.

TREBI

This is a six-rowed, bearded, hulled barley adapted to irrigated conditions. At the Fort Collins Experiment Station it outyielded all other barleys in a six-year test. Though it is a rough awned variety it has the advantages over coast barley in that the awns thresh free from the grain, thus eliminating considerable danger in feeding.

BALD OR HULLESS

Threshes out like wheat, is beardless and equal in feeding value to corn. It is early and will make a grain crop in high altitude, and is excellent if cut for hay.

Prices on above varieties: Postpaid (5 lbs. \$1.00) (10 lbs. \$1.75).

Oats

On irrigated land, sow 60 to 90 pounds per acre; on dry land, 40 to 50 pounds.

COLORADO 37

A mid-season white oat similar to Swedish Select, except for fewer awns, higher yield and stiffer straw. Adapted to the irrigated sections of northern Colorado and the cooler regions of other sections.

BRUNKER

A very early uniform variety of drought-evading, smut-resistant red oat. Well adapted to the non-60 per cent more than Colorado 37 at the U. S. irrigated plains area and high altitudes. Yielded Dryland Field Station over an eight year period.

BLISS SIDE

A selection from White Russian Side Oats, which produces an abundant quantity of oat hay in the mountain areas.

MARKTON

A mid-season oat with long, slender to mid-plump, yellowish white kernel, particularly adapted to warmer irrigated sections and is rapidly finding a place in northern Colorado where it is outyielding Colorado 37.

VICTORY

Similar to Colorado 37 with heavier, taller straw.

SWEDISH SELECT

A standard heavy yielding white oat. Hull is thin, kernel large and plump; straw is stiff and strong enough not to lodge.

Prices on above varieties: Postpaid (5 lbs. \$1.00) (10 lbs. \$1.75).

Rye

On irrigated land, sow 60 to 80 pounds per acre; on dry land, 30 to 40 pounds. In ordering spring or fall rye, please note that we supply these spring or fall as they are supplied to us, but we cannot guarantee them to be such as it is impossible to determine the variety from the appearance of the seed.

FALL OR WINTER

This is the hardest of any of the fall grains, and can be grown on a greater variety of soils. It will thrive in dry seasons and on light, sandy soils. It is grown for grain, for hay, for pasture and for plowing under for soiling purposes. There is no grain crop that produces as much and as good pasture as fall rye. If sown in August, makes a fine fall and winter pasture. Fall rye may also be sown in the spring, when it makes splendid summer pasture as it will not go to seed as does the spring rye.

Postpaid (5 lbs. \$1.25) (10 lbs. \$2.00).

Hybrid Field Corn

Jacques Proven Hybrids

WISCONSIN and MINNESOTA GROWN

Maturities from 80 to 120 days

Corn Growers should consider seriously the growing of Hybrid Corn, as the Hybrids have proven their merits in all corn-growing sections, especially where moisture conditions are favorable. In selecting the Hybrid from a reliable source and of the right maturity.

Wm. Jacques, the pioneer and largest grower of Hybrid Corn in the North, advises to plant three different maturities of Hybrid Corn. When several good hybrids are compared over several seasons, you learn a surprising and important fact. The variety that yields the most this year may yield the least next year. This year may have favored the corn of one maturity as against the corn of another maturity. Next year the conditions may be reversed. Don't choose your crop for next year's planting based on the performance in one season of any one hybrid. Choose only Hybrids that have shown a good average performance over several seasons and choose three different maturities of these.

Plant Jacques PROVEN HYBRIDS because—

(1) Every Jacques Proven Hybrid has proven its superiority in not just one season, but as an average of at least three seasons before it is offered for sale.

(2) You can get Jacques Proven Hybrids in dependable maturities varying by 5 days, from 80 to 120 days. And here's something else!

(1) Your Jacques Proven Hybrid Corn shells out more corn per bushel of ear corn. It yields even more than the wagon box shows.

(2) Your Jacques Proven Hybrid Corn dries out fast, goes into the crib with less water in cob and in kernels.

(3) If you plant all late corn you run the risk of a soft crop in a short cool season.

WE HAVE THE FOLLOWING JACQUES PROVEN HYBRIDS:

Wisconsin 80 day series—Strain 802	\$12.65 per Bushel
Strain 803	
Wisconsin 85 day series—Strain 852	
Strain 853	
Strain 854	
Wisconsin 90 day series—Strain 902	\$12.65 per Bushel
Strain 906	
Strain 907	
Strain 908	
Wisconsin 95 day series—Strain 955J	
Strain 957	\$12.35 per Bushel
Strain 959	
Wisconsin 100 day series—Strain 1001J	
Strain 1003	
Wisconsin 105 day series—Strain 1050J	
Wisconsin 110 day series—Strain 1102J	\$12.35 per Bushel
Strain 1104J	
Strain 1109	
Strain 1121	
Wisconsin 115 day series—Strain 1157J	
Strain 1158J	\$12.35 per Bushel
Strain 1159J	
Wisconsin 120 day series—Strain 1203	
Strain 1206	
Strain 1207	
Strain 1208J	

Prices of All Certified Wisconsin Hybrids

All Hybrid Corn is State Sealed and certified in bushel bags and is treated with Semesan Jr. ready to plant. One bushel will plant 7 to 8 acres.

Postpaid (1 lb. 40c) (5 lbs. \$1.75) (10 lbs. \$3.00).
Not Postpaid—Flat Kernel Grade: Bushel (56 lbs. 80 day to 105 day inclusive \$12.65) (110 day to 120 day, inclusive, \$12.35).

Silo Salad

A blend of evenly sized choice kernels blended for each maturity zone so that the crop will have these much desired characteristics. Just right for the Silo:

1. It will stay in prime condition for ensilage over a long period of time.

2. It will give you a very heavy tonnage per acre. Sold only in 100 lb. bags, and this is enough seed to make corn to more than fill the average silo.

3. It will make a good ear on practically every stalk and in the field there will be many well matured ears to give the silage extra richness and extra palatability.

4. The proportion of succulent green leaves and stalks and well matured plants will be such that you will get a well-cured silage, rich and sweet, not watery and sour, nor dry and mouldy.

5. It will make a high tonnage of rich silage even in adverse sections; the variation in maturity of different plants in the field will prevent uniform damage by spells of bad weather, insects or diseases.

6. It will stand up straight and strong for labor-saving harvest.

Round Kernel Grade, \$17.00 per 100 lbs.

Flat Kernel Grade, \$19.00 per 100 lbs.

F. O. B. DENVER, COLORADO

Colorado Grown Hybrids

We offer one Colorado Hybrid grown under the supervision of the Colorado Agricultural College from inbreds obtained from the Wisconsin Agricultural College.

COLORADO NO. 151 (WIS. NO. 570)

110 days maturity. One of the most popular Hybrids, has a splendid root and stalk, and makes rather long, rugged cylindrical ears and broad kernels. High yields of grain and silage.

Not Postpaid—Flat Kernel Grade, Bu. \$9.00.

Jacques Proven Hybrid Seed Corn

PROVEN

Before selling any variety, Jaques compares it for three seasons or more in many localities against check varieties for maturity, yield of grain and forage, stability, grain quality, resistance to unfavorable weather, insects, disease.

BRED IN NORTH

Only inbred lines able to mature in cooler northern seasons survive Hybrids produced from them dependably mature.

VIGOROUS

Jacques owned first Wright drier; has more years of experience than anyone else. Laboratory-like processing avoids seed coat injury. Each lot germination tested three times in duplicate.

PURE

Naturally isolated seed fields—fertile valleys surrounded by hills and trees. Detasseled daily under CONSTANT State Inspection.

EVENLY GRADED

Planter plates and maximum kernel dimensions marked on tag.

JACQUES HYBRID CORN

Because stocks are limited, please name second choice in case we are out of the grade or variety you want.

FLAT KERNEL GRADE

Blue Tag, State Sealed and Certified, 56 lb. bushel bags, treated with Semesan, Jr.

JACQUES Proven Hybrid 80

Maturing 80-85 days*—Has tall, leafy stalks, very uniform, heavy yielding. STRAIN 802 Earliest all-yellow dent Hybrid developed anywhere. Very stylish, very leafy, tall for its maturity. Has an excellent yield record. STRAIN 803 is a heavy yielding flint-dent hybrid even earlier than 802. Makes an orange-yellow dent ear, and it is quite drought and aphid resistant.

JACQUES Proven Hybrid 85

Maturing 85-90 days*—This hybrid has the distinction of top performance in yield tests, it has shown its splendid, dependable high yielding ability. STRAIN 852 is very widely adapted, the ear is quite showy and has beautiful color. Out-yields even later corns. STRAIN 853 differs by one inbred from above. Grows a little taller, makes a somewhat longer ear on a longer shank. Sturdy. STRAIN 854 is taller, has a longer shank and looser husk than other 85 series corn. We strongly advise planting together with 852 and 853.

JACQUES Proven Hybrid 90

Maturity 90-95 days—Dependable maturity, fast vigorous growth, strong upstanding stalks and an almost unbelievable yield record have developed a demand greater than the supply. STRAIN 902, formerly sold as Strain 956, the tall sturdy stalk is well anchored and has many long wide leaves, long cylindrical ear on strong medium length shank, rich yellow kernels, wide, deep and medium rough dent. STRAIN 906 has very deep kernels, sturdy stalks and a high average yield. STRAIN 907 introduced in 1944 is a red-yellow dent of unusual vigor, grows a foot taller than other hybrids of the 90 day series, heavy foliage makes it a tip top silage hybrid. STRAIN 908 is an extremely vigorous and extremely leafy hybrid, excellent for silage and a top yielder of grain, extra resistant to stalk rot.

JACQUES Proven Hybrid 95

Maturity 90-100 days*—Farmers in 95 series get a tremendous return on their investment in high yields of sound, dry corn. STRAIN 955, a top yielding hybrid, makes a showy well-dented uniform ear and an attractive sturdy stalk. STRAIN 957 introduced last year, a new development that has proven superior in test plots and farmer's fields. A strain with a promising future. STRAIN 959 a new introduction in 1946 planting after passing the rigid Jacques testing program with flying colors. Try planting some 959 besides your 955J and 957.

JACQUES Proven Hybrid 100

Maturity 100-105 days*—Has a wide adaption and is the preferred corn of farmers over a big area on all soil types, who like the dependable early maturity, high yields, good standing quality, and excellent ear type inherently produced by these 100 series strains. STRAIN 1001 makes a very broad kerneled well-filled ear, large and impressive in appearance. Has a record of many 90 bushel yields. STRAIN 1003 is somewhat taller than the above, and with more compact, tapering ear type.

JACQUES Proven Hybrid 105

Maturity 105-110 days*—Here is a hybrid that can be planted with great confidence. Splendid standability is one of the much appreciated characteristics, and also produces an ear type that leaves nothing to be desired—big kernels of top feeding value closely packed on a relatively small cob. STRAIN 1050 makes a husky plant, tall, clean appearing, very leafy. Kernels are extremely wide and thick, and the ear carries a good length.

JACQUES Proven Hybrid 110

Maturity 100-110 days*—Bred out of northern varieties, Jacques 110 strains dependably mature a sound, compact ear on a leafy, upstanding stalk. STRAIN 1102J has extra long ears on a rather long shank and withstands drouth. STRAIN 1109 is noteworthy for very broad leaves, rot-resistant stalks, heavy yielder of both grain and forage. STRAIN 1121 matures between 110 and 115 day corn, excellent yielder of grain and forage.

JACQUES Proven Hybrid 115

Maturity 105-115 days*—Corn that makes sensational yields, and is so attractive in appearance you'll be proud to have the neighbors see it. STRAIN 1157 produces a big, heavy shelling ear on every stalk and holds the ear through harvest. STRAIN 1158 is especially noteworthy for its deep kernelled ear and uniformity. STRAIN 1159 is a showy loose husked strain.

JACQUES Proven Hybrid 120

Maturity 110-120 days—This is a very heavy yielding corn and makes a fine quality ear, excellent for feed or market. Extremely leafy. It is superior for ensilage, too. STRAIN 1203 is a rugged big-eared hybrid that will dependably come through with a top yield. STRAIN 1206J is a uniform hybrid that dries rapidly after denting and makes a beautiful ear. STRAIN 1207 is a great silage corn and a top-yielding grain corn. STRAIN 1208 is a late maturing 120 day Hybrid producing best quality of silage as well as a heavy yield of grain.

*Maturity refers to days from emergence of seedling to well-dented ear-type. It is dependent not only upon the breeding of the hybrid, but also upon soil fertility, temperature of air and soil, rainfall, latitude, and date of planting and varies from one season to another and from one locality to another. Maturities as given are average.

Field Corn

10 pounds will plant an acre.

The proper selection and care of Seed Corn is more important and exacting than the average grower realizes, and in appearance corn suitable for seed purposes is often deceiving and its seed qualities can only be determined by actual tests for germination and vitality. Our Seed Corn is strictly Colorado grown (except the ensilage and Hybrid varieties), is acclimated and will ripen earlier than eastern grown seed.

Open Pollinated Varieties

COLORADO No. 13

A selection out of Minnesota No. 13 by our State Agricultural College bred for earliness and high yielding quality. The most widely used Yellow Dent variety, maturing in 100 to 110 days.

MINNESOTA No. 13

Is one of the most popular Yellow Dent Corn for Colorado and the western states. It is early maturing, stalks are tall and leafy, and is excellent for grain or silage.

COLORADO YELLOW DENT

This is a variety of Yellow Dent Corn developed in Colorado and is especially well adapted for planting in the dry-land districts and in the north, as it is very drought resisting and matures early. Fine for grain, fodder or ensilage.

CALICO

A medium early variety, maturing in about 100 days. Kernels are variegated, being speckled or mottled red, white and yellow. The stalks are leafy; the ears carried high. Calico corn has a high protein content, making it a very efficient feed.

Sudan Grass

Sudan is an annual and requires replanting each year, and dies with the first frost in the fall; is closely related to Sorghums (Milo, Maize, Kafir Corn, etc.), but yields far more abundantly than any of these and the hay has more fattening properties. There is no other forage crop known that will resist drought like Sudan and it is therefore particularly adapted to semi-arid regions, yet it yields immense crops under irrigation and rainy climates. It may be broadcast 25 to 30 pounds of seed per acre or in rows 10 to 12 pounds. Cut for hay when fully headed. Under favorable conditions two cuttings of hay may be obtained.

Postpaid (5 lbs. \$2.00) (10 lbs. \$3.50).

Sweet Sudan

A greatly improved Sudan Grass from a hybridization of Leota Red Sorghum or Common Sudan. It has great palatability, livestock eating it to the ground before touching common Sudan or other forage sorghums. Sweet Sudan has broader leaves, larger stems and makes taller growth, stooling heavier than common Sudan. It is a truly great improvement over common Sudan and in our opinion will completely replace common Sudan. We recommend that every farmer put in at least a few rows to prove to himself the many advantages for both hay and grazing over common Sudan.

Postpaid (1 lb. 50c) (10 lbs. \$4.00).

Dry Land Grain and Forage Seeds

Sweet Sorghums

CULTURE

For forage crops, sow 50 to 75 pounds per acre; for grain, 5 to 6 pounds, in rows and cultivate the same as corn. Forage is very palatable to stock.

BLACK AMBER CANE

Is the best known and is the favorite on account of its earliness and resistance to drought.

MIXED CANE

This is valuable as a forage crop. Do not plant for a seed crop.

ORANGE CANE

A heavy yielding variety grown for forage and silage. It is rather late in maturing seed as it takes from 100 to 110 days.

RED TOP OR SUMAC CANE

Very desirable for forage as the stalks are sweet and very leafy. The seed shells out clean like the grain sorghum and is better for feed than other varieties of Cane.

COES SORGO

Is a Kafir-headed sorgo with a long, compact head and fine stem, high in sugar contents. Suckers profusely making large quantities of fine leafy feed. The grain is equal to feeding value of Kafir.

Grain Sorghums

CULTURE

For forage crops, sow 50 to 75 pounds per acre; for grain, 5 to 6 pounds in rows and cultivate the same as Corn. Forage is not quite as palatable for stock as the Sweet Sorghums.

WHITE KAFIR (Dwarf Black Hull)

Usually grows 5 to 6 feet tall in the dry land areas. Heads are heavy and compact, 10 to 14 inches long with black hulls and white seeds. The grain makes good feed for poultry and cattle.

HEGARI

This is one of the earliest maturing of the grain sorghums. It is very similar to Kafir. The grain is nearly equal to corn in feeding value. The stalks are leafy and make excellent fodder.

MILO (Sooner or Sixty Day)

A non-saccharine sorghum of high feeding value. This is the plant that is being so largely raised for its grain in the dry plains of eastern Colorado and western Kansas. The seed is larger than the seed of Kafir and not as hard and equal to corn in feeding value for stock and poultry.

RED KAFIR

Stalk is slender with many leaves producing as much fodder as other kafirs. Seed head cylindrical, 10 to 14 inches long.

MARTIN'S COMBINE MILO

An extremely short, stocky straight shanked Milo. Has erect heads and seeds—thresh free from the glumes. The seeds are yellow and of large size. Strictly a combine type grain sorghum.

Millet

Millet is a wonderful forage and hay crop. It affords a quick, luxuriant growth of hay of good feeding value and requires no cultivation. Millet may be fed green or cured. The value of Millet for late planting and emergency crops after others fail should not be overlooked. They can be planted late in July and still make considerable forage. Sow about 20 pounds to the acre.

WHITE WONDER

A variety which has taken the place of common millet and has qualities superior to other varieties. It is early; the heads are very large and long, and the foliage is heavy yet easily cured.

MANITOBA OR HOG

A valuable peculiarity of Hog Millet is that seed ripens while the hay is yet green, which, if cured at the proper time can be threshed for seed, while the hay makes excellent fodder after being threshed.

SIBERIAN OR RED RUSSIAN

Earlier, more hardy, rustproof, and less liable to damage by insects, an extremely heavy cropper; stalks tall, and of finer quality than any other sort. Best variety for hay.

GERMAN OR GOLDEN

This is one of the best forage plants grown in this country. Under ordinary conditions will produce from 4 to 5 tons of hay per acre, and from 50 to 75 bushels of seed. When sown early it leaves the ground in splendid condition for wheat.

NOTICE

ALL CANE AND SORGO SEED OFFERED ARE FOR FORAGE PURPOSES ONLY

Field or Stock Peas

Field Peas are an important class of Legumes and should be more generally planted. Valuable for hay crop or fertilizer. Field Peas are usually grown with Oats for hay, a combination equal in feeding value to clover hay. They contain more digestible crude protein and fat than Alfalfa and Corn. When grown with oats, they are threshed together, and easily separated with a fanning after threshing. Drill the Peas in four inches deep as early as the ground can be worked at the rate of 90 to 100 pounds per acre. Then, 2 or 3 weeks later, sow the oats, drilling it in the other way, 50 pounds per acre. If the oats are sown with the peas, they grow too rapidly and check or smother the growth of the peas.

COLORADO STOCK PEAS (White)

Are extensively grown in the mountain districts, are very hardy and if mixed with oats or other grains, make very nutritious hay. If permitted to mature, make excellent feed for fattening sheep or hogs.

Postpaid (5 lbs. \$1.00) (10 lbs. \$1.75).

SOUTHERN BLACK-EYE PEAS

The dry peas are excellent for table, and find ready sale during the winter. They are very hardy and prolific. Vines make excellent forage or hay. This pea has proven a great success in the dry land or non-irrigated districts of the west. Its roots seem to penetrate deeper and stand drought and heat better. Especially adapted to hot, dry nonirrigated districts.

Postpaid (1 lb. 55c) (5 lbs. \$2.50).

Dwarf Essex Rape

An excellent forage crop for Sheep and Hogs, belongs to the cabbage family. It produces a mass of broad, smooth leaves which are greatly relished by Sheep and Hogs. It can be pastured off and when stock is removed, if not eaten too close, it will grow up again and give a second crop. It does best on rather moist land, but will do well in any good soil. The seed is usually sown broadcast, using about 5 pounds per acre. Sow from the first to the middle of August. If sown broadcast on corn ground after the last cultivation it makes good pasture after the corn is removed.

Postpaid (5 lbs. \$1.50) (10 lbs. \$2.75).

Sunflower

Quite extensively grown for feeding. Sow in rows 3 to 3½ feet apart and thin to a foot apart in the rows. Treat the same as corn. Use 10 to 12 pounds of seed per acre. Sunflowers are often used to mix with corn when filling a silo. It is claimed that the mixture makes a better ensilage than pure corn.

MAMMOTH RUSSIAN

The variety commonly used to produce seed and for filling silos. The heads are often one foot across and are filled with striped seeds which makes most excellent feed for poultry.

Postpaid (1 lb. 35c) (5 lbs. \$1.50) (10 lbs. \$2.50).

Buckwheat

Buckwheat is easily raised and will make profitable crops on rather poor land, where other grain would fail. It is also largely used as a cover crop in orchards. Sow in June or July, using 50 pounds of seed to the acre.

JAPANESE

This is the largest buckwheat. The plant makes a more vigorous and larger growth than the common kind and yields more.

Postpaid (5 lbs. \$1.75) (10 lbs. \$3.00).

Flax

WILT-RESISTANT

Flax is the best and most profitable crop for sod or new lands, growers frequently realizing more from flax on sod than from wheat on old ground. Sow early, as soon as possible after danger from frost has passed. To raise seed sow one-half bushel per acre; for fibre, one bushel.

Postpaid (5 lbs. \$1.75) (10 lbs. \$3.00).

New Improved Ceresan

A new dust disinfectant for seed oats, barley, wheat, and other cereals made by the manufacturers of Semesan. Effective in controlling seed borne diseases, such as Loose-Smut of oats, Stinking-smut of Wheat etc. One pound treats 32 bushels of seed.

Not Postpaid (1 lb. 90c) (4 lbs. \$3.00) (8-lb. can \$6.00).

Fertilizers

Vigoro

A complete plant food, especially prepared to furnish grass, trees, shrubbery and flowers the plant elements necessary for maximum growth and flowering. It is free from dust, has no unpleasant odor, and is easy and pleasant to apply.

Postpaid: (lb. 25c) (5-lb. pkg. 70c) (10-lb. pkg. \$1.15).

Not Postpaid: (lb. 10c) (5-lb. pkg. 45c) (10-lb. pkg. 85c) (25 lbs \$1.50) (50 lbs. \$2.50) (100 lbs. \$5.00).

VIGORO PLANT TABLETS (24 Tablets, 15c). Postpaid.

Vigoro Spreader

The Vigoro Spreader is easy to operate, making plant feeding a pleasure. Can also be used for Grass Seed. Hoppers are made of heavy sheet steel. All models are equipped with shut-off control on the handle, and a dial regulates the flow of Vigoro or Grass Seed. Forced feed assures even distribution.

MODEL "B"

14-inch Spreader (Hopper capacity 15 lbs.). Each \$5.30 f.o.b. Denver.

JUNIOR MODEL

16-inch Spreader (Hopper capacity 35 lbs.). Each \$9.50, f.o.b. Denver.

Sacco

Sacco has many times the actual plant food value of ordinary manure and is free from offensive odors. A single application brightens a lawn in one week's time and produces an extraordinary growth and bloom among flowers and shrubbery. Easy to apply. Full directions on each package.

Postpaid: (5-lb. pkg. 70c) (10-lb. pkg. \$1.15).

Not Postpaid: (5 lb. pkg. 45c) (10-lb. pkg. 85c) (25 lbs. \$1.50) (50 lbs. \$2.50) (100 lbs. \$5.00).

SACCO SPREADER—No. 2046

20-inch spreader, Aluminum disc wheels hopper and control plate, can't rust. Finger tip control eliminates leakage on stops and turns. Hopper capacity 25 lbs.

Each \$8.95 f.o.b. Denver.

Innoculate all Legume Seeds with

NITRAGIN

1898—Nearly a Half Century of Service—1949
When ordering, Alway state name of seed.

ALFALFA		Retail
Sweet, Bur. Hubam Clovers		
Size		
1 bu. each		\$.50
2½ bu. each		1.00
CLOVERS		
Medium & Mammoth Red, Alsike, Crimson & White Clovers		
1 bu. each		\$.50
2½ bu. each		1.00
LESPEDEZA		
100 lb. size (Innoculates up to 100 lbs.), ea.		\$.50
PEAS (All Varieties) VETCHES (All Varieties)		
100 lb. size (Innoculates up to 100 lbs.) ea.		\$.50
1200 lb. size ea. (12-100 lb. cans)		5.70
SOYBEANS		
Small (Innoculates up to 120 lbs. seed)		\$.30
5 bu. each		.55
25 bu. (One can)		2.50
30 bu. (6-5 bu. cans)		3.25
BEANS—Navy, Pinto, Wax, String, Kidney and Great Northern		
1 bu. each		\$.35
PEANUTS, LIMA BEANS, COW PEAS		
Small (Innoculates up to 120 lbs. seed)		\$.30
5 bu. each		.55
25 bu. (One can)		2.50
30 bu. (6-5 bu. cans)		3.25
LUPINES (All Varieties)		
100 lb. size (Innoculates up to 100 lbs. seed), ea.		\$.50
GARDEN SIZE—Peas, Beans, Sweet Peas, Lupines, Lima Beans and Edible Soybeans.		
Enough for 8 lbs. seed—Retail Price 10c each.		

Disinfectants

TREAT BEFORE PLANTING WITH

Ceresan Semesan, Jr.

Semesan — Semesan Bel FOR DISEASE PROTECTION

Increase Your Garden Pleasure and Your Farm Profits by Preventing Losses From Plant Diseases

Disinfect all seeds, bulbs and potatoes that are to be planted; increases germination, protects seedlings, produces stronger and more vigorous plants that will produce better crops, reduce dampening-off, prevents seeds from rotting in the ground and controls smut. We suggest that you use the following:

SEMESAN

For Vegetables and Flower Seeds and Bulbs. Price: (1/3 oz. 12c) (2 oz. 45c) (12-oz. cans \$2.10) (4 lbs. \$10.10). Not Postpaid.

SEMESAN JR.

For Field and Sweet Corn Seed. Prices: (1 1/2 oz. 17c) (12 oz. 62c) (6 1/4 lbs. \$4.16). Not Postpaid.

NEW IMPROVED CERESAN

For Wheat, Oats, Barley, Flax, Sorghums and other cereals.

Prices: (4 oz. 35c) (1 lb. 90c) (4 lbs. \$3.00) (8 lbs. \$6.00). Not Postpaid.

ARASAN

For Vegetable Seeds, including Lima Beans, Sweet Corn and Peanuts.

Prices: (1 oz. 16c) (8 oz. 80c) (5 lbs. \$6.45). Not Postpaid.

UNITED STATES RUBBER CO.

Growing Aids For Agriculture

Spergon

A seed protectant in powder form for treating seed before planting. Spergon protects seed from harmful fungi that are present in nearly all soils which tend to cause decay and dampening-off, especially in cold wet weather. Spergon assures better germination of the seed and produces healthy plants that give better yield. It is non-injurious to humans and is easy to apply to the seed.

RETAIL PRICE

1 oz. package\$.25
5 oz. package\$1.00

PHYGON**Wettable**

An economical fungicidal spray for the control of black spot of roses, apple scab, bitter rot, azalea blight, tomato blight and bean blight. Phygon plants. A 2 oz. package makes 12½ gallons of spray.

RETAIL PRICE

{ 2 oz. package\$.50
1 lb. package\$2.70

HARDIE**Celery and Potato Sprayer**

Here is the greatest light duty spray pump ever built. All new—in every detail just like the big Hardies. Two 1½" x 2" fully lubricated plungers and cylinders of standard Hardie construction. Operates at slow speed—100 to 120 R.P.M. Delivers 4 gallons per minute at 300 pounds pressure easily. Strong and sturdy in every part. Especially designed for all general spraying in its capacity range, estates, greenhouses and wherever a powerful dependable light duty sprayer is required.

These sturdy pumps have been used by our local growers to mount on their small tractors, such as General Farmall A, Fordson and John Deere. They are so connected that the grower can cultivate and spray at the same time. This gives them a very economical and effective power sprayer at very low cost.

A SPLENDIDLY EFFICIENT TWO-ROW CROP SPRAYER FOR SMALL FARMS AND GARDENS**No. 99x0109**

The No. 99x0109 provides the No. 99 pump, 1 h. p. Briggs and Stratton engine and 50-gallon wooden tank mounted on 42x3 steel wheels and fitted with a 2-row 6-nozzle boom for spraying all vegetables, sugar beets, potatoes, and other row crops. Shafts for one horse are standard equipment.

Tread adjustable 48" to 72". Clearance 20". Overall width 80". Sprays from 8 to 10 acres per day. Weight, 575 lbs.

Price: \$375.00, f.o.b. Denver.

CRYSTAL DUSTER

The tops in hand dusters; 40-inch overall length, with 18-inch pump. One quart glass jar, with visible cyclone dust chamber. Angle nozzle for dusting both upper and under side of leaves; may be removed to obtain straight jet. Discharge tube is screened to hold back lumps. The extra large pump, 1¾-inch diameter, permits large blast of air. A truly remarkable hand duster.

Brown's Crystal Duster, 1-quart glass jar, tin pump. Price \$2.00, Postpaid.

Champion Sprayer

The Champion Sprayer is economical and efficient. Awkwardness of handling is obviated by the position of the tank on the back of the operator. Its scientific nozzle design is adjustable for all types of spraying, the flow can be regulated from mist to stream with no changing of parts, simply turn the nozzle to the left or to the right. A high pressure of 200 pounds provides a stream of from forty to fifty feet when opened. The plunger is made of synthetic rubber, guaranteed not to expand when used to spray gasoline, kerosene or any kind of oil or chemicals. Is efficient for whitewash, cold water painting and all general purposes. All brass construction so that it will not rust or corrode. An excellent sprayer is a necessity in growing successful truck crops. **Price, postpaid \$27.95.**

Champion Duster**SINGLE ACTION**

Knapsack type, large, powerful bellows. Easy to operate: will thoroughly crush sulphur and handle all standard dusting materials. May be adjusted for light or heavy application. Capacity 15 to 20 pounds material.

Price 27.95, Postpaid.

No. 26 AG Continuous Glass Jar Sprayer

A long-life, one-quart capacity glass jar continuous sprayer. All-direction nozzle enables spraying up, down or straight ahead without removing nozzle. All parts easily removable for cleaning. Cone and jar cap of copper to prevent rust or corrosion. Made in non-tippable design.

No. 26AG Sprayer, 1-quart. Tin pump copper cone, glass jar. Price \$1.85, Postpaid.

No. 26F 3-Quart Continuous Sprayer

A large-capacity continuous atomizer with exposed valve and removable syphon tube. Furnished with new one-point all-direction nozzle. An excellent continuous sprayer where a large capacity is required.

No. 26F Sprayer, 3-quart. Tin pump, galvanized tank. Price \$2.00, Postpaid.

Single-Action Dome Top Screw Lock Sprayers

Brown's single-action Dome-Top Sprayers are modern in design and thoroughly efficient. Large diameter threaded can opening for easy filling and cleaning. Powerful pump will not drop or dribble. Dome Tank made in heavy tin. Non-tippable design.

No. 14 Sprayer, 1-quart. Single-action, all tin. Price 75c, Postpaid.

Compressor Air Sprayers**Brown's Open-Hed Sprayers**

The very latest in Compressed Air Sprayers; electrically welded and hot galvanized after fabrication, insuring strongest possible construction. Large 5-inch diameter opening for easy filling and cleaning. Automatic shut-off has new hold-open feature. Sprayer is furnished with two-stage safety lock, easy grip rubber handles and extra wide carrying strap. Equipped with 22-inch extension, 20-inch 5-ply hose shut-off and nozzle. **No. 4D, 4-gal. galvanized. Price \$9.75, not postpaid.**

GOLIATH BARREL PUMP

Our largest and best barrel pump. Designed for center, top or side barrel mounting. Double hose outlets. 2½-inch seamless pump cylinder. All brass working parts. Die cast nozzle body with brass parts. 2-inch diameter air chamber. Complete with 12½-foot ½-inch spray hose, shut-off nozzle and barrel mountings (barrel not included). **Price: \$18.45, f.o.b. Denver.**

**HAYES-ETTE IDEAL WEED KILLER GUN
(2-4-D)**

1 1/2 gallon spray gun for small gardens, etc. Ideal spray gun to apply the new 2-4-D Weed Killer Solutions. Weighs just a little over a pound, filled. Nozzle adjusts to spray up, down, or sideways, all modern liquid spray materials free from soap.

Only \$3.45.

**HAYES HAND REVOLUTIONARY
HAND SPRAYER**

1 qt. capacity. For home, farm and garden use. Sprays all liquid insecticides and properly strained powders such as Bordeaux, Lime, Sulphur and Lead Arsenate. Ideal for applying the new DDT in and around chicken houses, rabbit hutches, dairy barns, etc.

Only \$2.95.

HAYES JR. ALL-PURPOSE SPRAY GUN

Full 3 gallon capacity spray gun, yet easily held in one hand. Replaces heavy, expensive spraying equipment. Just attach the Hayes Jr. to your garden hose, press the lever and spray! Sprays up, down, sideways. For spraying vegetable and flower gardens, trees, etc., with liquid or powder insecticides.

Only \$6.95.

LIQUID FERTILIZER APPLIERS

Use the Applier for ease of distribution. If the applier ratio is 1-20 or 1-25 at 50 lb. water pressure, mix one pint of Liquid Fertilizer to four parts of water in bucket and draw this solution directly into the garden hose by means of this applier, thereby making it possible to feed while watering.

Appliers, \$1.75 each, postpaid.

Standard Insecticides and Fungicides

Write for prices on large quantities. Owing to unsettled market conditions all prices are subject to market changes.

ACME APHIS SPRAY

Contains one part Black Leaf 40 and two parts soft spray soap, eliminating the mixing of soap suds and Black Leaf 40. Effective for the control of sucking and many chewing insects.

(3-oz. tube 40c each). Postpaid.

ARSENATE OF LEAD

The standard spray or dust for quick, dependable control of practically all leaf-eating (not sucking) insects.

(Lb. 45c) (4-lb. pkg. \$1.25), f.o.b. Denver.

ARSENITE OF ZINC

is a very highly desirable type of poison for use where quick results are desired. Arsenite of Zinc ranks next to Paris Green as the strongest of all arsenical insecticides.

(4-lb. bag 80c), f.o.b. Denver.

ACME GARDEN DURADUST

A ready to use dust containing 5% DDT and 9% copper fungicide. The active elements are blended carefully to ensure a uniform high quality dust for home vegetable and flower gardens.

(Lb. 40c) (4-lb. pkg. 85c).

ACME DURADUST No. 25 CONTAINS 25% DDT

The recommended DDT product for general agricultural spraying. 2 lbs. to 50 gallons of water gives control of insects against which DDT is effective. Can be blended into dust. Many other uses.

(Lb. pkg. 55c) (4-lb. bag \$1.70) (50-lb. bag \$20.00).

ACME GARDEN GUARD (With Rotenone)

A Dust that can be used to control any insect on your vegetables or flowers, does not leave a poisonous residue.

(1 lb. 60c) (4 lbs. \$1.20) (50-lb. bags \$11.65), f.o.b. Denver.

ACME SCIENTIFIC ROSE SPRAY KITS

A system of sprays and application to take the guesswork out of insect and blight control on flowers of all kinds. The great majority of pests fall into three classifications according to the method of control. Rose Spray sets contain three scientifically prepared elements in separate packages, each of which has been developed to combat one certain type of pest. The "system" combining all three elements in one spray solution will keep your roses and flowers healthy and vigorous.

No. 3 (Makes 12 quarts spray) 95c; No. 6 (Makes 24 quarts spray) \$1.50.

**ACME VEGETABLE AND FLOWER
GARDEN DUST**

To be used as a Spray or dust. A combination of Nicotine and Arsenate of Lead.

(1 lb. pkg. 40c) (4-lb. bag 90c) (50-lb. bags \$10.00) f.o.b. Denver.

ACME "STOP" (Tree Banding Compound)

This is used to band trees and shrubs to stop the migration of insects up to the foliage.

(6 oz. jars 50c) (1 lb. 87c) (5 lbs. \$3.00) (10 lbs. \$5.00) (25 lbs. 10.00). Postpaid.

"Black Leaf 40"

If you have a garden, an orchard, a farm, a flock of sheep a herd of cattle, a flock of poultry, "Black Leaf 40" can serve you. Be sure you get genuine "Black Leaf 40" in the original full strength, sealed packages.

Prices, not prepaid: (Oz. 36c) (5 oz. \$1.05) (1 lb. \$2.42) (2 lbs. \$3.92) (5 lbs. \$7.40) (10 lbs. \$12.85) If wanted by parcel post, add postage.

BAIT-EM (Acme)

An insecticide bait to control insects, such as cutworms, snails, earwigs, slugs, sow bugs and grasshoppers. Sprinkle Bait-em under foliage of plant to be protected for best control.

(1 lb. pkg. 35c) (2 1/2-lb. pkg. 75c), f.o.b. Denver.

BORDEAUX MIXTURE

(Dry). The best fungicide for curing and preventing black rot, mildew, blight, leaf curl, scab or other fungoid diseases on fruits and plants. One pound will make 5 gallons liquid.

(Lb. 40c) (4-lb. pkg. 95c). Not postpaid.

BOTANO GARDEN DUST

A multiple-purpose Dust containing Rotenone, Sulphur, Copper, Zinc. Use against insect and disease pests.

(10-oz. duster pkg. 49c) (Lb. pkg. 50c) (4-lb. pkg. \$1.10), f.o.b. Denver.

BUGZOFF PLANT SPRAY No. 2

A non-poisonous liquid spray to be diluted with water, for the control of Aphids, Leaf Hoppers, Trips, Mexican Bean Beetles, and many others.

(4 oz. 59c) (8 oz. 98c) (qts. \$3.19) (gals. \$11.72), f.o.b. Denver.

CONTAX PRUNING PAINT

A modern, plastic pruning and grafting composition, for use as a general pruning paint, a grafting compound for trees and in connection with tree surgery operations.

(Pint 35c). Postpaid.

COPPER CARBONATE 20% (Acme)

A popular preparation for treatment of seed wheat against smut. Is used dry and the seed may be treated in the winter without injury to it. Four ounces treats one bushel of seed.

(5-lb. pkg. \$1.10), f.o.b. Denver.

COPPER CARBONATE 50% (Acme)

A popular preparation for treatment of seed wheat against smut. Is used dry and the seed may be treated in the winter without injury to it. Two ounces treats one bushel of seed.

(50-lb. bags \$1.70), f.o.b. Denver.

CRYOLITE (Magnetic)

A fluorine insecticide used for the control of Potato Beetles, Flea Beetles, Cucumber Beetles, Mexican Bean Beetles and Codding Moth.

(50-lb. bags \$7.50), f.o.b. Denver.

DRY LIME-SULPHUR

Exactly like lime-sulphur solution except that the water has been taken out. For fall and spring spraying, use 12 to 15 lbs. to 50 gallons water. Summer spraying, 2½ to 3 lbs. to 50 gallons water.

(1 lb. 38c) (5 lbs. \$1.55) (12½-lb. bags \$2.00) (100 lbs. \$14.00), f.o.b. Denver.

CALCIUM ARSENATE

Used as a spray or dust for insects on cucumbers, melons and squash. Can be combined with Bordeaux to control blight and certain other fungus diseases.

(lb. 35c) (4 lbs. 60c), f.o.b. Denver.

COPPER SULPHATE OR BLUE VITROL

This is a preventive of smut in your grains, and when the seed goes through a solution of vitriolized water the crop produced therefrom will be clean and free from smut. One pound of Blue Vitrol dissolved in 20 gallons of water makes a suitable solution for treating 30 bushels of wheat or barley for smut.

Fine Crystals—Postpaid: (5 lbs. \$1.25) (10 lbs. \$2.25).

Not Prepaid: (5 lbs. \$1.00) (10 lbs. \$1.80).

Powdered—Used in making Bordeaux Mixtures and Copper Solutions. Postpaid.

DN-SULPHUR DUST No. 10

For the control of Red Spider Mite, Thrip and Rust on Carnations. Economical to use in greenhouse as one pound of dust will cover from 400 to 800 square feet of bench space. Effective for five or six days after application. Can be washed off easily.

(10-lb. pkg. \$3.50), f.o.b. Denver.

DOW'S DN DUST No. 12

To control Red Spider Mite, Thrip and White Fly on Roses, Calla Lillies, Snapdragons, Gardenias, Chrysanthemums and Carnations.

(10-lb. pkg. \$4.50), f.o.b. Denver.

DOW'S DN-17

A new wet spray for Greenhouse Plants. For control of red mite and thrips on Roses, Calla Lillies, Snapdragons, Gardenias, Carnations, Azaleas, Hydrangeas, Ivy and many other greenhouse plants. Does the same work as Dow's DN Sulphur Dust No. 10 and DN Dust No. 12, except that it is used as a wet spray.

(¾-lb. pkg. \$2.25 each) (9 pkgs. per case), f.o.b. Denver.

DOW'S DN-11

For the control of red mites on Apples. Use 1¼ lb. to 100 gallons of spray. Can be combined with arsenicals and sulphur.

(1¼-lb. pkg. 90c) (30-lb. case \$18.00), f.o.b. Denver.

DOWFUME G

A soil fumigant containing Methyl Bromide, a highly effective penetrating chemical. It is especially toxic to Ellworms, soil insects, millipedes, centipedes, pill bugs, etc. Seeds may be planted two days after treatment. Apply with a Mack's Anti-weed Gun.

Price: Dowfume G—(10-gal. drums, 110 lbs. net, \$27.50), f.o.b. Denver.

EAR WORMCIDE

A highly refined petroleum oil containing pyrethrum for use against Corn Earworms on Sweet Corn.

(2-oz. bottle with dropper applicator 35c). Postpaid.

NEW EVERGREEN

Is effective against cabbage worms, cucumber and melon beetles, aphis, leaf hoppers, currant worms and most other insects, both chewing and sucking.

Harmless to man and beast. Easily applied with any sprayer. One ounce makes six gallons of spray.

Prices: Oz. 35c, by mail 45c; 6-oz. \$1.15, by mail \$1.25; Pints, \$2.45; Quarts \$4.10; Gallons, \$12.60.

FISH OIL SOAP OR SPRAC SOAP

A fish oil soap effective by itself in destroying many sucking insects and lice on plants, trees, ferns, etc. Also used with liquid sprays as a sticking agent.

(1b. jars 45c) (7½ lbs. \$2.60), f.o.b. Denver.

KRYOCIDE

A dependable fluorine insecticide to be used as a mixed dust. Effective in controlling most chewing insects. Does not lose any of its strength when exposed to sunlight or weather.

Price: (lb. cans 40c) f.o.b. Denver.

KRYOCIDE D-50

A ready mixed dust combination of Kryocide and Sulphur to be used as an insecticide and fungicide. Especially effective on potato and tomato insects.

Price: (lb. can 50c) (3-lb. bag 85c) f.o.b. Denver.

LONDON PURPLE

Use as a dust or spray for all chewing insects. This poison should not be used on vegetables. (4-lb. pkg. 45c) (24-lb. case \$2.50) f.o.b. Denver.

KOPPER SHIELD (Acme)—Pruning Paint

A pruning and tree wound paint. An antiseptic treatment to prevent diseases and fungi from penetrating the wounds while the tree is naturally overcoming the shock.

(½ Pts. 40c) (Pts. 65c) (Qts. \$1.20) (Gals. \$3.75).

NNOR GARDEN SPRAY (Containing Rotenone)

Rotenone is considered today as one of the most useful and effective insecticide materials known. In NNOR it is combined with a patented spreader making the tremendous killing power of Rotenone in a more effective form than ever. You've got to wet the insect with the spray to get results. NNOR penetrates the hairy or waxy covering on the insect to permit the Rotenone to get in its killing punch. One ounce bottle makes up to 6 gallons of effective spray.

(Oz. 35c) (6 oz. \$1.00) (16 oz. \$2.15) (Gals. \$13.50)

(5 gals. \$60.00).

PARIS GREEN

Oldest and best brand. For chewing insects on Potatoes and certain other hardy plants. Kills quickest.

(¼lb. 25c) (1b. 65c) (5-lb. pkg. \$3.00) (14 lbs. \$5.00). Not postpaid.

S-W ROTO-DUST

Contains .4% Rotenone fortified with 2% Lethane, an activator, is equivalent in killing power to dusts containing .75% Rotenone. Will kill many plant insects including all kinds of aphis and crewing insects.

(1-lb. bags 35c) (6-lb. pkg. \$1.25) (50-lb. bags \$7.50), f.o.b. Denver.

SCRAM Dog Repellent

A special powder used to keep dogs away from shrubs, flowers, lawns, store fronts, porches, etc. Easy to use. Does not harm animals.

8-oz. Shaker, 49c.

TOMATO DUST (Acme)

This is especially prepared to control blight and worms preying on Tomatoes. While especially designed for Tomatoes, it also is equally effective in the control of leaf chewing insects and blight on Potatoes, Cucumbers, Beans and Flowers.

(1-lb. pump gun pkg. 65c) (4-lb. pkg. \$1.05) (50-lb. bags \$11.00), f.o.b. Denver.

VOLCK Nursery and Garden Spray

The improved Volck Oil Spray for Nursery and Home Garden use. A contact Insecticide Spray carrier, spreader and sticker for use on many Nursery and Garden Plants, effective against Mealybugs, red spiders and mites scale insects and white flies.

(4 oz. bottle 25c) (16 oz. 50c) (half gallons \$1.25), f.o.b. Denver.

GARDEN "VOLCK"

A contact spray containing Nicotine, spreader and penetrant. One of the best known General Garden Sprays.

(4 oz. bottle, 35c) (16 oz. 85c), f.o.b. Denver.

(4) CUBOR (Rotenone Coated) DUST

Contains soluble and available forms of rotenone-bearing resins which materially raise the killing power by penetrating and dissolving in the natural external and internal moisture of the insect. Impregnated, not merely mixed, therefore uniform and effective and leaves no arsenical residue. Recommended for leaf-eating and sap-sucking insects. Cubor "100" contains 1% rotenone or cube root. Cubor "75" contains ¾ of 1% rotenone or cube root. Cubor Sulphur Dust contains ¾% rotenone and sulphur.

Cubor Dust "75" (4 lb. 85c) (48 lbs. \$9.18) (50 lbs. \$9.00).

Cubor Dust "100" (50 lbs. \$11.00).

Chlordane

COLORADO 44 INSECTICIDE

Made with Chlordane has been thoroughly tested and is fully guaranteed by the formulator. It is a crop-safe insecticide even to such delicate crops as squash and melons. It is superior to any similar type insect killer for truck gardens, household use and control of livestock parasites.

The kill of grasshoppers and other crop infesting insects with Colorado 44 has been remarkable. It is non-toxic to man or animal when properly applied. The killing effect lasts for weeks. Colorado 44 kills by contact, by ingestion and by vapors. Economical easy and safe to use.

Colorado 44 Dust (5% Chlordane). (1-lb. dust guns \$1.00) (5-lb. bags \$1.75) (50-lb. bags \$10.00). **Colorado 44 Emulsion Concentrate (Water Soluble, 44% Chlordane).** (½ pt. \$1.45) (pt. \$2.45) (qt. \$4.25) (gal. \$13.95) (5 gal. pails \$64.75).

SABADILLA DUST No. 20

This dust is twice as strong as the No. 10 dust and is used for the control of squash bugs, and hard to kill insects.

(1 lb. 60c) (5 lbs. \$1.75) (25 lbs. \$7.00) (100 lbs. \$26.00), f.o.b. Denver.

DDT Products

(Dichloro-diphenyl-trichloroethone)

During the war DDT proved of value to the armed forces in all corners of the earth. And in its peacetime job in different formulations it has found its way into orchards and farms, home gardens and in household uses. On farm animals, in dairy barns and outhouses it has proven very useful in control of most common pests.

D.D.T. DUST 5% (5% D.D.T.)

Effective in controlling a large number of different species of insect pests such as Onion and Gladiolus Thrips, on Potatoes—Potato Beetles, Psyllid, Flea Beetles, Leafhoppers; Lygus Bugs on Alfalfa and Sugar Beets grown for seed. Can also be used on all types of flowering plants, shrubs and trees.

(100 lbs. \$12.00), f.o.b. Denver.

D.D.T. DUST 10% (10% D.D.T.)

To be used when the 5% dust does not give good control on hard to kill insects.

(100 lbs. \$16.00) f.o.b. Denver.

D.D.T. 50% WETTABLE DUST

For diluting in water for spraying or mixing with talc to prepare dust of desired strength. One pound in 100 gallons of water makes effective garden spray leaving a heavy residual deposit on plants. Three pounds to 100 gallons of water makes effective and safe spray for cattle, horses, hogs and other farm animals, or residual spray for walls of barns, stables, hog or poultry houses and milk sheds.

(8 oz. postpaid, 60c) (1 lb. postpaid, 80c) (4 lbs. \$1.85) (50 lbs. \$22.00), f.o.b. Denver.

Cuprocide

YELLOW CUPROCIDE

Is a new, highly effective spray material in the form of a dry powder. It suspends readily in water. For control of damping-off in its second stage, spray seed bed immediately after planting seed and once more before seedlings appear. Spray seedlings every 7 to 10 days. Especially good for the control of blight and leaf spot on celery, tomatoes and potatoes; 3-lb. package makes 200 gallons of spray.

(1 lb. 90c) (3 lbs. \$1.75) (100 lbs. \$50.00), Postpaid.

KOPPER KING DUST No. 10

Recommended for the control of early and late fall blight or rust of celery. (Dust plants at first sign of blight and dust at intervals of every ten days in order to keep plants thoroughly covered. Copper has a stimulating effect on the growth of plants resulting in increased yields and higher quality produce.

Price: (100 lbs. \$9.00). Not postpaid.

Wettable Sulphur

"MAGNETIC SPRAY" Wettable Sulphur
98.5% pure. A specially processed sulphur possessing superior adhesive properties, and containing not more than 12½% wettable agents. Easily dispersed in spray tank. Use for spraying fruit trees, berries, flowers and ornamentals. (100 lbs. \$6.00), f.o.b. Denver.

"CROWN BRAND" Wettable Sulphur
95% pure. A processed sulphur of high adhesive properties assuring adherence to foliage. It wets quickly and easily even in hard water, remaining in suspension for an unusually long time. Recommended for use on potatoes as a wet spray. Also excellent to build up weak Lime Sulphur sprays; use 4 lbs. to replace each gallon of 32 degree Baume Lime Sulphur solution left out. (100 lbs. \$5.00).

Dusting Sulphurs

"ELECTRIC BRAND" Super Adhesive Dusting Sulphur

325 mesh, 99.8% pure. A processed distilled sulphur possessing superior adhesive properties, non-lumping and of finest texture. Makes excellent combination dust with stomach poisons and contact insecticides.

(100 lbs. \$4.00), f.o.b. Denver.

AEROL WEED BURNERS

No. 99 Giant	\$27.25 complete
No. 99 Senior	22.00 complete
No. 99 Junior	17.00 complete

Aero Spray Attachment, \$3.50 each

No. 99 GIANT BURNER

A heavy duty model of the famous No. 99 Weed Burner produces flame 36" long by 4" wide, 2000° F. Includes 5-gal. copper bearing, extra heavy galvanized steel fuel tank with all seams welded and tested to 100 lbs.; 2" brass air pump; 60-lb. pressure gauge, handtight combination filler cap and air release, easy grip handle on tank, 7-ft. Thiokol lined oil-resisting hose, and seamless steel removable coil burner with windshield, combination valve-strainer and carrying handle. Shipping weight 30 lbs. Average fuel consumption, 1½ gals. per hour.

No. 99 SENIOR WEED BURNER

A smaller model than the Giant, with 4-gal. copper-bearing, extra heavy galvanized steel fuel tank, all seams welded and tested to 100 lbs., 60-lb. pressure gauge, 1¾" brass-bronze unions; seamless steel removable coil burner with windshield and combination valve strainer and carrying handle which is detachable. Tank has a snap-on web adjustable shoulder strap. Shipping wt., 21 lbs. Average fuel consumption, 1 gal. per hour.

No. 99 JUNIOR BURNER

A 3-gallon capacity Weed Burner, with copper-bearing extra heavy galvanized steel fuel tank, all seams welded and tested to 100 lbs.; 60-lb. pressure gauge, 1¾" brass bronze unions, seamless steel removable coil burner with windshield and combination valve strainer. Tank has a snap-on web adjustable shoulder strap. Shipping weight 19 lbs. Average fuel consumption 1 gal. per hour.

CYCLONE SEEDER

Can sow fifty acres in a ten-hour day—seeded evenly, thoroughly and easily. Use any seed that can be sown broadcast or with ground bone, ashes or fertilizer. Its distribution will make three bushels do the work of four. The Sower that satisfies.

Each, \$3.50; postpaid, \$3.75.

Twist-Ems

8" handy tying tapes made of laminated durable paper on malleable copper wire. Just the thing for tying dahlias, roses and other flowers. Very handy.

Home Garden Package of 125 for 35c.

UTILITY TWIST-EMS

Used as a bunching tie by produce shippers and market gardens.

Prices per 1,000: (7" \$1.50) (8" \$1.71) (12" \$2.56) (16" \$3.42).

NATIONAL

EEZY WEAR
Garden GlovesPROTECT YOUR HANDS
with these**SOFT LEATHER GLOVES**

Specially designed to give you everything you want in a garden glove.

All-Leather

SOFT AS KID
DIRT-PROOF
Easy to Wear
Durable
WASHABLE

Being all-leather, Eezy Wear gloves give complete protection against dirt, scratches, bruises, stains, infections. Yet their amazing softness and pliability, the result of a special processing, make them extra comfortable. Cling to the hands and practically give you BAREHAND FREEDOM.

Economical, too—outwear 6 pairs of ordinary fabric gloves, are washable and can be used the year round for Garage, Housework, Painting, Yard, Furnace, etc. Sizes for Women (small, medium, large) and Men (small, medium, large).

Prices Per Pair Postpaid: Sizes 6, 7, 8, \$1.15; sizes 9, 10, \$1.25.**HOTKAPS****HOTKAPS**—An Individual Hothouse for Every Plant!

Help You Grow Earlier, Hardier, Vegetables, Flowers

Germaco HOTKAPS—strong little hot-houses—protect plants from destructive frost, storms, insects. University Agricultural Experiment Station tests prove HOTKAPS increase total yield 18 to 51 per cent, promote bigger fruits and vegetables, ripen plants three weeks earlier. Quick, easy to set, instructions on package. 100 million used by successful growers. Beat everyone with first vegetables, flowers.

Market Growers

University tests prove Germaco HOTKAPS nearly double your early marketable yield per acre, help you get highest out-of-season prices. Premium profits pay for them many times over. Crop failure is costly—HOTKAPS protection is cheap! Order today.

(25 Hotkaps with Setter 70c)

(1,000 for \$13.50) (5,000 lots, \$13.35 per M) (10,000 lots, \$13.20 per M) (250, with Setter and Tamper, \$4.65) (100 with Setter and Tamper, \$2.75). Postage extra. Write for Free Booklet.

Transplanting Bands

Plants are started in these bands and set in the ground and they never know they have been moved. Transplant single plants into these bands and when the weather is settled set the plants in the garden without removing the band.

	Doz.	100	250	1000
2-P, 2 in. by 2 in.		\$0.15	\$0.65	\$1.25
3-P, 3 in. by 3 in.		.20	.85	1.85
4-P, 4 in. by 4 in.		.25	1.00	2.25

GRASS SHEARS

“Ezy-Cut” Special Grass Shears with comfortable shaped handles, fit the hand naturally, with tempered and polished blades. Blades riveted to handle.

Each \$2.00, Postpaid.**No. 1575 STAND UP EZY-CUT GRASS SHEARS**

The modern grass clipping tool, cuts from a standing position—simple as walking—no stooping, bending, sore knees or backaches. Cutting action operates by simple “squeeze action” on handles which control blades at the bottom of feather-weight steel shaft. Moves on free-running large wheels. Takes apart for cleaning and resharpening.

Each \$3.25, Postpaid.**LONG-HANDED PRUNER**

For the fruit grower and home gardener. Ideal for high climbing roses, high shrubs, briery bushes and young trees. Hardened and tempered handles. Overall length 25 inches. Cutting blades 2 inches.

Each, \$2.75, Not Postpaid.**No. 4-N EZY CUT HEDGE SHEARS**

Keen, ground and notched special 8-inch blades, natural wood handle.

Each, \$2.00, Postpaid.**No. 14-N EZY CUT HEDGE SHEARS**

Oval shaped, hollow ground, 8-inch cutlery steel blades, raised handles with lacquered finish hard-wood ash grips.

Each, \$3.00, Postpaid.**GARDEN DIBBLES**

For Transplanting Plants and Bulbs.

All aluminum.

Each, \$1.00, Postpaid**ALUMINUM GARDEN TROWELS**

All aluminum.

Price: 75c, Postpaid.**LANG'S HAND WEEDEER**

Blade made of steel, handle of wood, with a two-finger grip strap. Every gardener should have one.

Postpaid, 35c each.**ADJUSTABLE NOZZLE**

Solid cast brass, quickly adjusted to produce various sprays, straight stream and a complete shut-off without leakage.

Price \$1.00 Each, Postpaid.**FLAT SPRAY SPRINKLER**

Cast brass. Price \$1.20 Each, Postpaid.

SPIKE SPRINKLERS

The ideal sprinkler for parkings and embankments.

5-inch Spike Each 45c postpaid
15-inch Spike Each 60c postpaid**THE HAYES SPRINKL-AIR**

Amazing new air-water nozzle; mixes air into the water flowing through garden hose! Magically changes harsh spray into soft, lacy beneficial rain that falls lightly onto newly seeded lawns and gardens. Protects tender seedlings and tiny plants—won’t wash away seeds or earth.

Only 69c.**Lettuce Trimming Knife****Each, 35c! 3 for \$1.00 postpaid.****Shrub Protector**

A wire guard with sharp points, easily fastened around shrubs to keep dogs away. Practical and economical.

Postpaid (Each 25c) (12 for \$2.50).**SENSATIONAL NEW WATERER SOIL SOAKER**

Ideal for Shrubs, Lawns, Flower Beds, Terraces, Narrow Parkings. Made of special porous canvas, very durable; one end screws to water hose, other end closed. Water seeps through every pore.

18-ft. size, \$1.90; 30-ft. size, \$2.90.

Weld-Made Sack Holder

A special head designed to hold open cloth bags while filling. Self-adjusting to any size bag. Can be attached to scale or truck while working the field, or to a WELD-MADE Stand. Sack holder heads are made in two sizes: SMALL SIZE —for onions and other root crops. LARGE SIZE —100-lb. Potato and Grain Bags.

WELD-MADE SACK HOLDER STAND

Made especially for Sack Holder Heads. Stands adjustable as to height and have metal frame base to keep stand from tipping over.

SUB-IRRIGATOR

A new and simple way to punch holes in the ground so that water, fertilizer and air can get down in the sub-soil where it will do the most good. Use on lawns when the moisture will no longer penetrate down to the roots and shows burned spots from lack of water. Also on shrubs and trees to force the roots downward, so they will not be exposed to hot and dry weather.

Three sizes— $\frac{3}{4}$ -inch, \$7.50; 1-inch, \$10.50; $1\frac{1}{2}$ -inch, \$15.00, f.o.b. Denver.

FARMAIR Portable Compressor Pumps ALL Farm Tires

With controllable pressure from 20 to 125 lbs. FARMAIR has capacity to fill any high or low pressure tire on the farm without backbreaking hand pumping or time wasting trips to town. FARMAIR also handles any pressure greasing job, keeps machinery in better shape, helps eliminate expensive repairs.

Sprays Paint in Half Time

Whitewashing, painting, dusting of all kinds is done in half or a third the time with spray equipment. FARMAIR has capacity for every job, helps take care of neglected upkeep, improve appearance and value of farm property.

Heavy Duty—Long Life

FARMAIR Compressor is delivered with 25 ft. Air Hose and Chuck, Air Cleaner, Oil and Water Separator, Pressure Control Valve and Pressure Gauge mounted on Pressed Steel Base. One cylinder, 2" Aluminum Piston, 2" Stroke, 2.9 cu. ft. per min. at 750 RPM. Splash Lubrication. Oilite main Bearing. Case Hardened Crank Shaft. V Belt Drive.

Compressor only \$52.50.

Planet Jr. Tools

No. 4 Planet Jr. Combined Hill and Drill Seeder, Wheel Hoe, Cultivator and Plow.

Price, complete \$25.40.

As a seeder only (No. 4D), \$20.30. Holds 2½ qts. of seed.

No. 219 PLANET JR. FERTILIZER ATTACHMENT

An inexpensive, practical tool for side dressing growing crops, putting the fertilizer where it will do the most good, in a furrow beside the plants. If surface application is necessary because of root growth, simply remove the furrow opener. Handles any dry commercial fertilizer in accurately regulated amounts from 100 to 1400 lbs. per acre (in 12 inch rows). A positive agitator keeps it flowing evenly and a handy shut-off closes the opening at the end of the row, or for going to and from the field. The spout is adjustable in width from 1½ to 3½ inches.

The Hopper is easily removed by loosening two wing nuts. The stand supports the machine securely when filling the hopper and pushes out of the way when operating.

Price, \$13.90, f.o.b. Denver.

PLANET JR. NO. 300A

A plate or disc seeder for all seeds from the smallest up to and including peas, beans and corn. Growers of peas and beans will appreciate this seeder as it does not break the seed and sows with great regularity. Only three plates, each with great regularity. Only three plates each with thirteen holes, making ample adjustment for various seeds. Hopper holds four quarts and is removable, which makes easy filling and emptying.

Price, complete, \$27.50.

PLANET JR. NO. 157A TWO ROW HORSE SEEDER

Two No. 300A Seeder Units are used on the No. 157A, and will plant rows from 14 to 36 inches apart. A foot-operated lever shuts off the flow of seed in both seeders at once. Being plate type seeders both units can be set alike for uniform planting. Shipping Weight, 147 lbs.

Price \$66.50, f.o.b. Denver.

2-4-D Weed Killers

2-4-Dichlorophenoxyacetic Acid Weed Killer

Until now, means of weed control have been limited to cultivating and moving, or to treatment with caustic chemicals that killed the foliage or poisoned the soil. These methods have been used because they were the only ones available, yet the total effect on the weed crop has been small. Today, 2, 4-D Weed Killers exist as a new weapon of great effectiveness. It is economically practical in all respects. It kills the whole plant, is easy to apply and, perhaps most important of all, weeds are killed while grass continues to grow. Soil is not affected at concentrations recommended. 2, 4-D Weed Killers will kill or damage a wide variety of vegetables, flowers, shrubbery and trees. Care in applying only to unwanted plants is essential. Most Legumes are damaged or killed by 2, 4-D. Grasses have a natural immunity and are harmed little, if any, by dosages of 2, 4-D that are fatal to broad-leaved weeds. Cereals, corn, wheat and oats are not hurt by 2, 4-D, when used according to directions.

Weedone

This is the New Weed Killer you've read about in Better Homes & Gardens, Country Gentleman, Times, Reader's Digest and practically every farm and garden magazine... Weedone is an oil liquid mixable with water, and sprayed on the weed leaves. Tested more than three years, it is still the most effective 2, 4-D formula. Most weed killers kill the top plant only, but Weedone goes into the leaves and down into the roots, killing the whole plant. Since Weedone kills not only weeds but many desirable plants, the spray must be kept from the leaves of the desirable plants, such as flowers and vegetables. Use one part of Weedone in 100 parts water, applying a gallon of spray to each 200 square feet of weeds.

Weedone kills most lawn weeds without killing the grass. It kills dandelion, broad plantain, buckhorn plantain, pennywort, heal-all, poison ivy, locust, poison oak, the mustard weeds, sumach, sassafras, choke cherry, honeysuckle, ragweed, bitter-weed, wild garlic, bind-weed, hoary cress, the thistles, and many others. It kills most legumes—clover, alfalfa, etc. Most grasses, including both lawn grasses, sugar cane, and the cereals, corn, wheat, oats, rice, are not killed by Weedone when used according to directions.

6-oz. Bottle (makes 5 gal. spray)	75c each
1-qt. Bottle (makes 25 gal. spray)	\$2.50 each
1-gal. Bottle (makes 100 gal. spray)	\$7.50 each
5-gal. Can (makes 500 gal. spray)	\$5.50 per gal.
54-gal. Drum	\$4.70 per gal.

Crab Grass Killer

Zotox Crab Grass Killer

Kills both the plant and seeds of Crab Grass and checks reinfestation. It does not destroy lawn grasses and is non-injurious to soil. Simply mix with water and spray. When used as an over all spray, it kills dandelion, plantain, buckhorn, etc. —The 8-oz. bottle (\$1.00 size) makes 5 gallons and treats 1,000 sq. ft. For spot treatment of small patches it goes much further.

8-oz. bottle, \$1.10; 16 oz. bottle, \$1.50; 32 oz. bottle, \$2.50.

NASH & KINSELLA—2-4-D WEED KILLER

A convenient and easy way to use when killing a small patch of weeds, by using the 2-4 Weed Killer in tablet form, use one tablet to one gallon of water.

(18 Tablets in tube for 98c). Postpaid.

NASH & KINSELLA—2-4-D WEED KILLER

(Powdered)

To be used when a large quantity of spray is to be mixed at one time, or if you have a large area on which the weeds are to be sprayed. Use 1 lb. to 80 gallons of water.

Price: (2-lb. Pkgs., \$4.95 each). Postpaid.

DOW'S 2, 4-D WEED KILLER

Powdered Form

(70% 2, 4-Dichlorophenoxyacetic Acid). The standard recommendation is 1 1/4 pounds of 2, 4 Dow Weed Killer Powder in 100 gallons of water, applied at the rate of approximately 200 gallons per acre, or enough to thoroughly wet the foliage without causing appreciable runoff. On turf, 125 to 150 gallons per acre is usually sufficient.

Price: (10-lb. Drums \$15.00 each) (50-lb. Drums \$70.00 each), f.o.b. Denver.

DOW'S 2, 4-D WEED KILLER—Liquid Form

(20% 2, 4-Dichlorophenoxyacetic Acid) The standard recommendation is two quarts of 2, 4-Dow Liquid Weed Killer in 100 gallons of water, applied at the rate of approximately 200 gallons per acre.

Price: (Pints \$2.10) (Quarts \$3.85) (Gallons \$7.08) (5-gallon Drums \$6.52 per gallon).

DOW SELECTIVE WEED KILLER

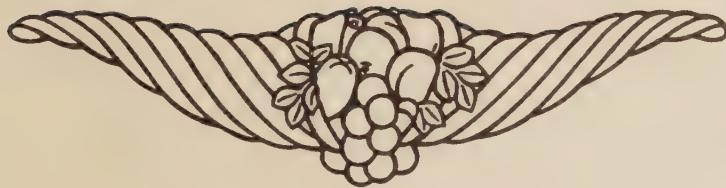
Kills or effectively checks the growth of many common weeds growing in grains, flax, peas and certain other crops without damaging the crop. Use 3 pints to 100 gallons of water, apply when plants are 4 to 6 inches high.

Price: (10-Gallon Drums, \$2.75 per gallon).

DOW CONTACT HERBICIDE

Kills all vegetation to the ground. Does not sterilize the soil. Kills most annual weeds outright and kills the above ground foliage of perennial weeds and grasses. Regrowth of perennial weeds will occur when soil moisture conditions permit. Young weed growth on plowed ground that is to be planted is easily killed by a light spray of Dow Contact Herbicide. Planting may be done a day or two later. Use 3 gallons to 100 gallons of water.

Price: (10-Gallon Drums, \$2.30 per gallon).



ORDER SHEET—1949

SNOWY RANGE SEED CO.

4305 BRIGHTON BOULEVARD

DENVER, COLORADO

		Date	AMOUNT ENCLOSED
Name		P. O. Order	
Post Office	State	Draft	
R.F.D.	Box No.	Express	
Street Address	OR	Order	
Shipping Station		Cash	
Express or Railroad Company		Stamps	
How ship?	Mail <input type="checkbox"/>	Express <input type="checkbox"/>	Freight <input type="checkbox"/>
			Total

All members of one family should order under one name. Please print or write plainly. Where seeds are quoted postpaid these will be sent charges paid by us to the 4th postal zone from Denver. If you live beyond the 4th zone, add extra postage on all articles priced not postpaid. Be sure to add postage at zone rate.

not postpaid. Be sure to add postage at zone rate.

NOTICE—While we take all possible pains to supply only pure and reliable seeds, **WE GIVE NO WARRANTY**, expressed or implied, as to the productiveness of any seeds or bulbs we sell and we will not be in any way responsible for the crop. Our liability, in all instances, is limited to the purchase price of the seed. When mentioned, purity and germination tests are for information only and without guarantee.

Brought Forward

TOTAL

If you have any neighbors or friends whom you think would be interested in our Catalog, if you will send us their names and addresses in the specially prepared spaces below we will send them a copy of this Catalog and place their names on our mailing list for future issues of same.

